

Fig. 1

PRIOR ART

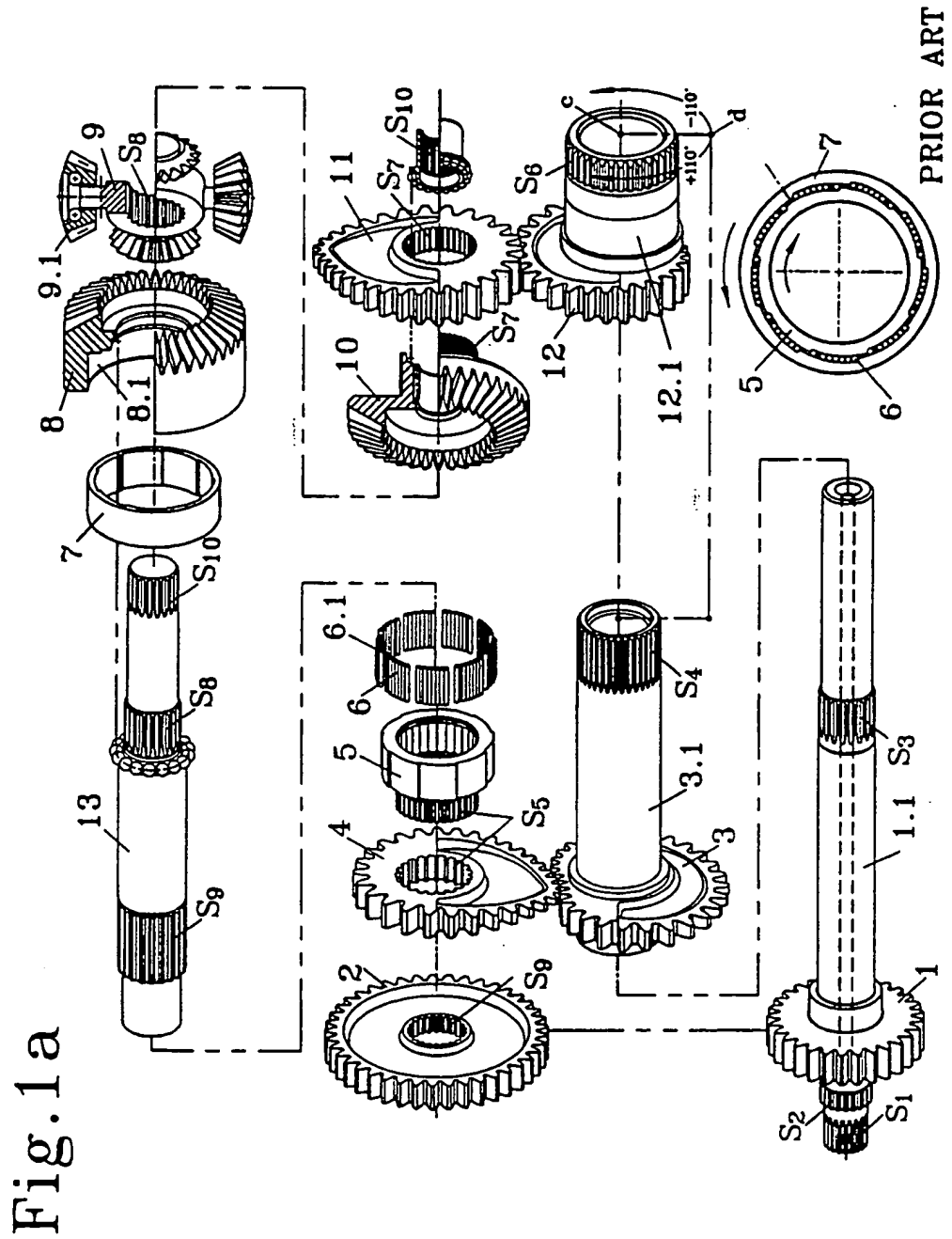
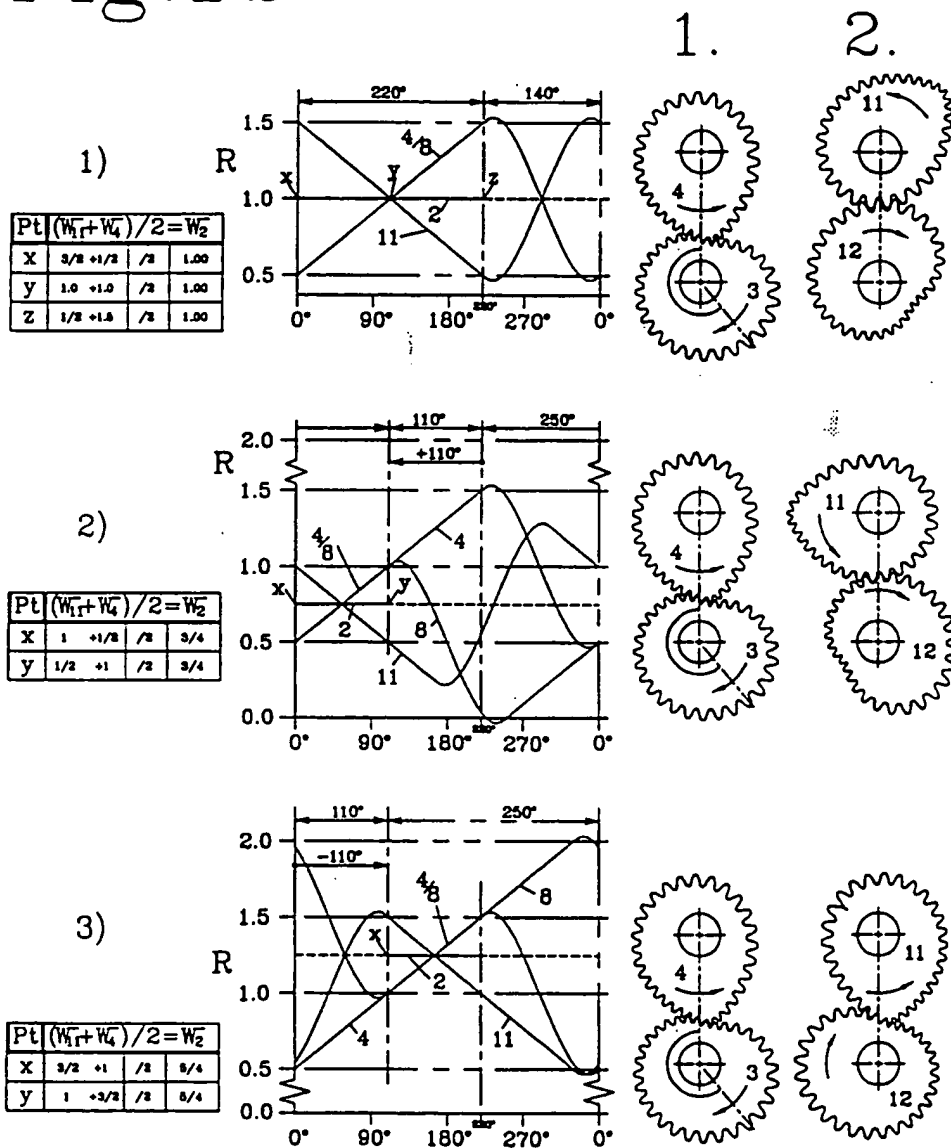


Fig.1b



PRIOR ART

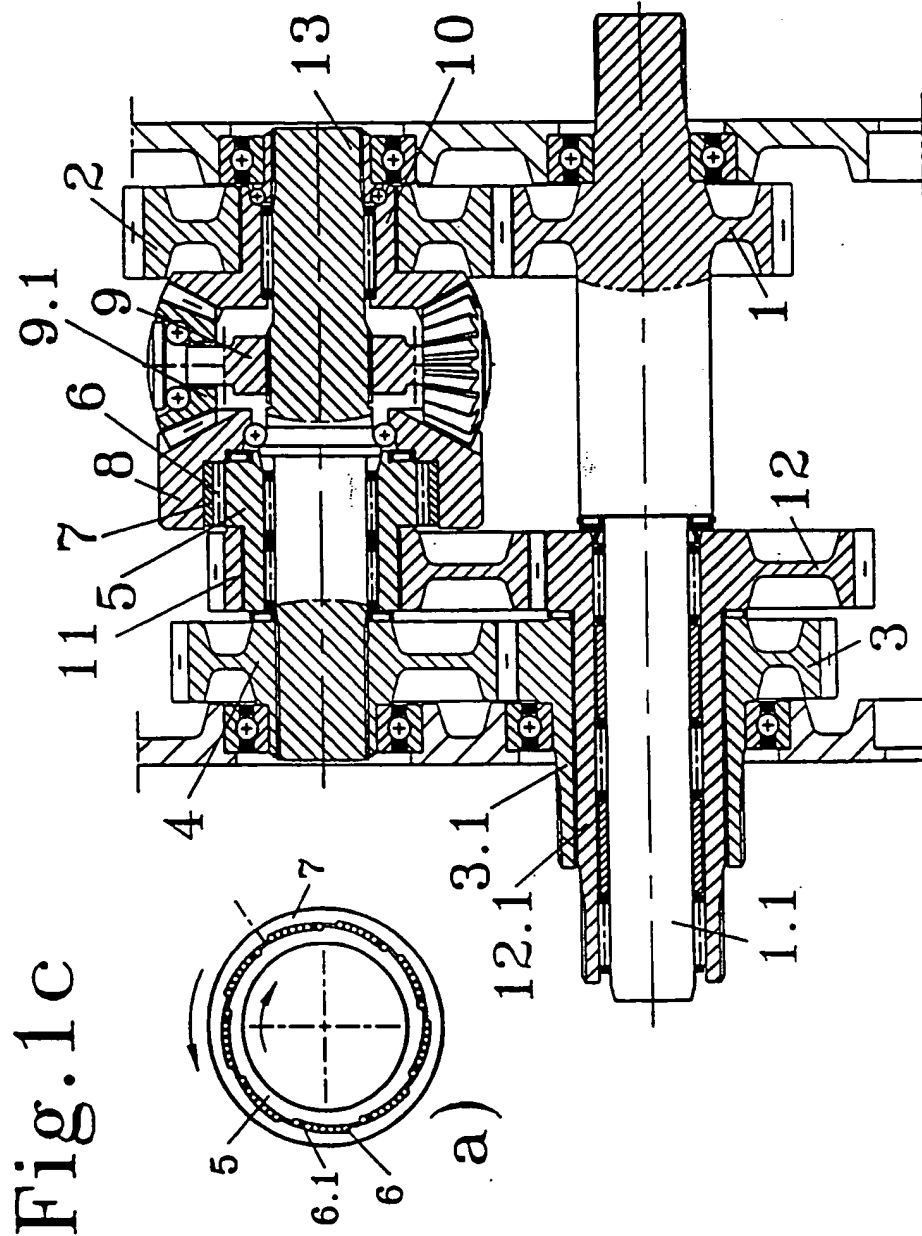
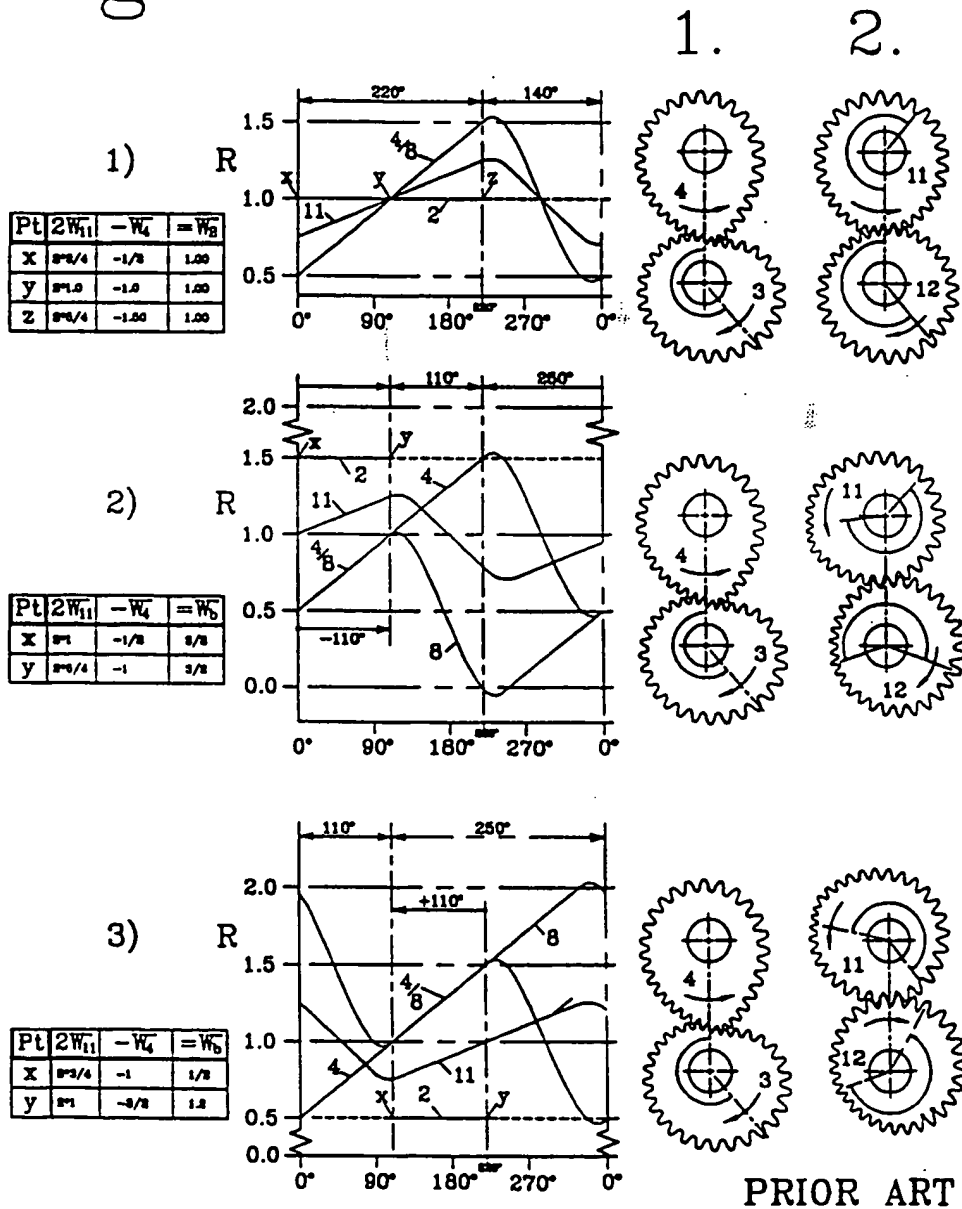
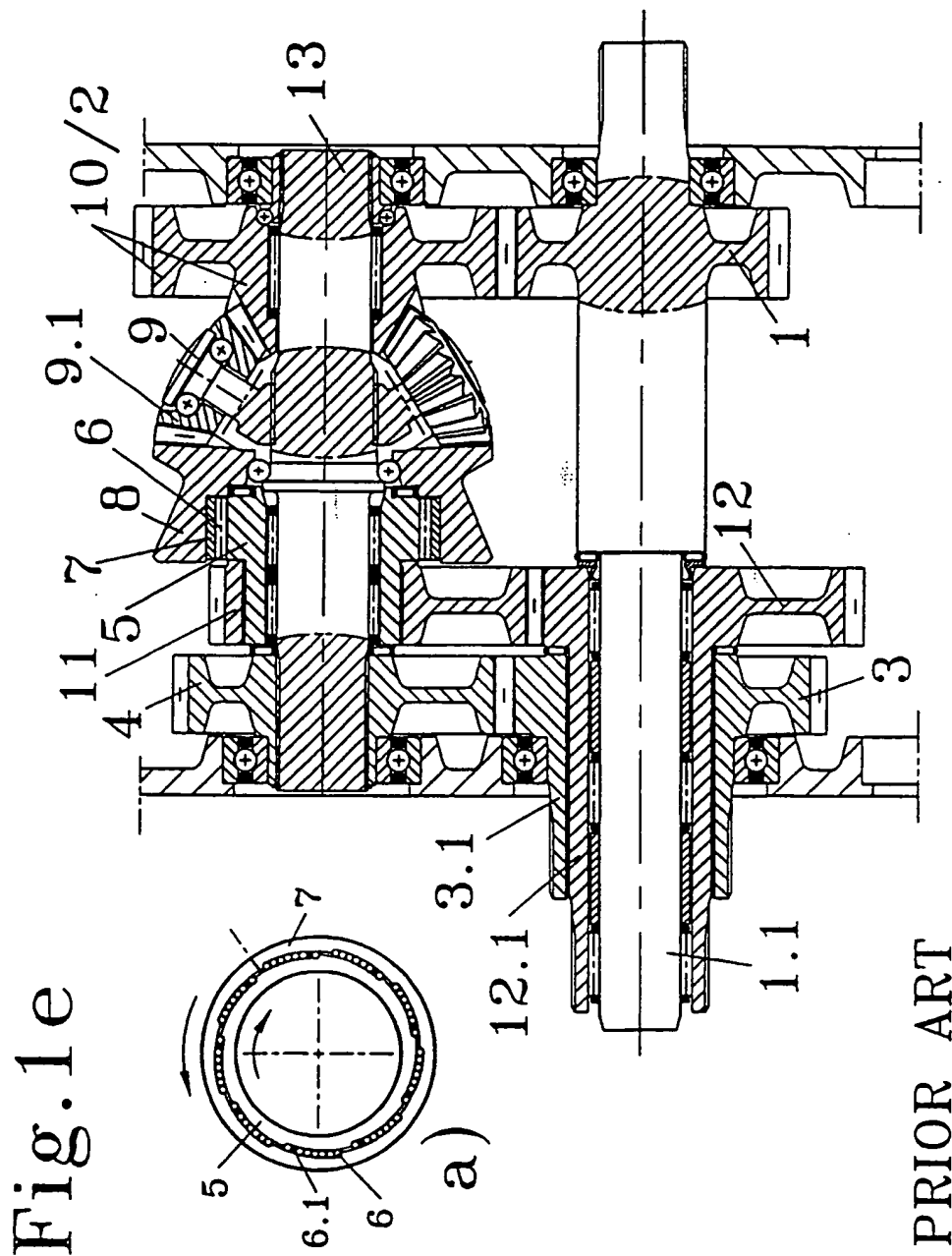


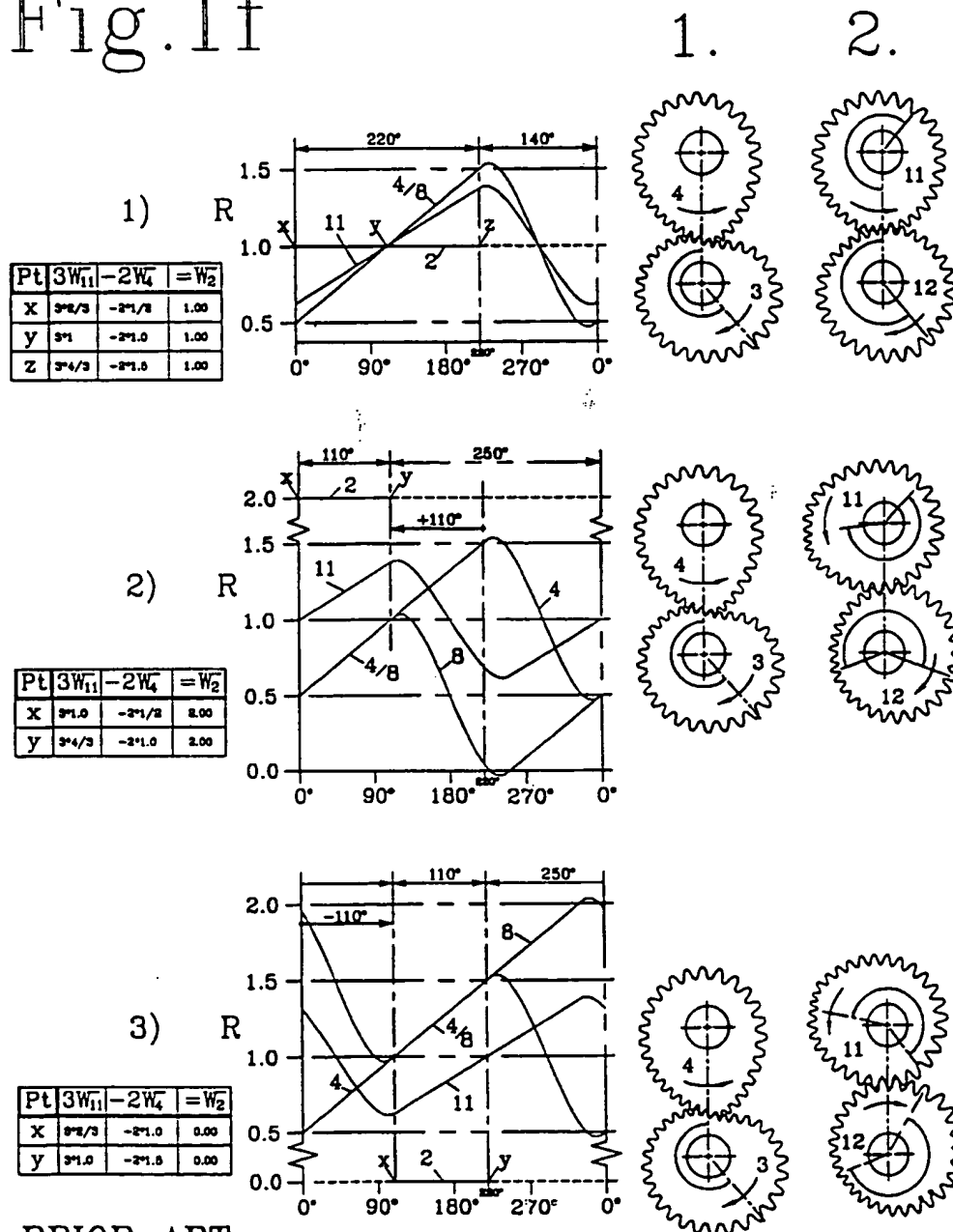
Fig.1d





PRIOR ART

Fig.1f



PRIOR ART

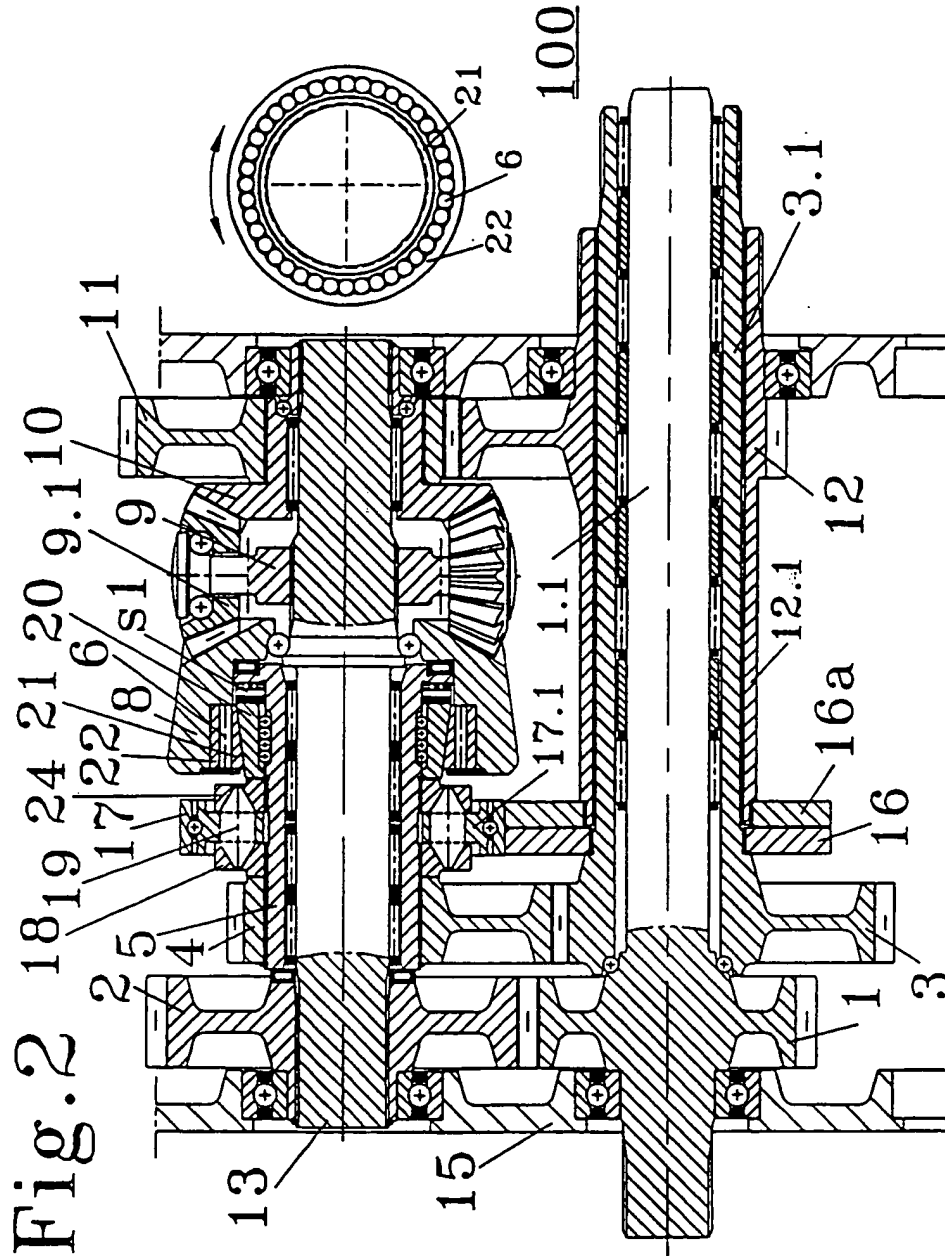
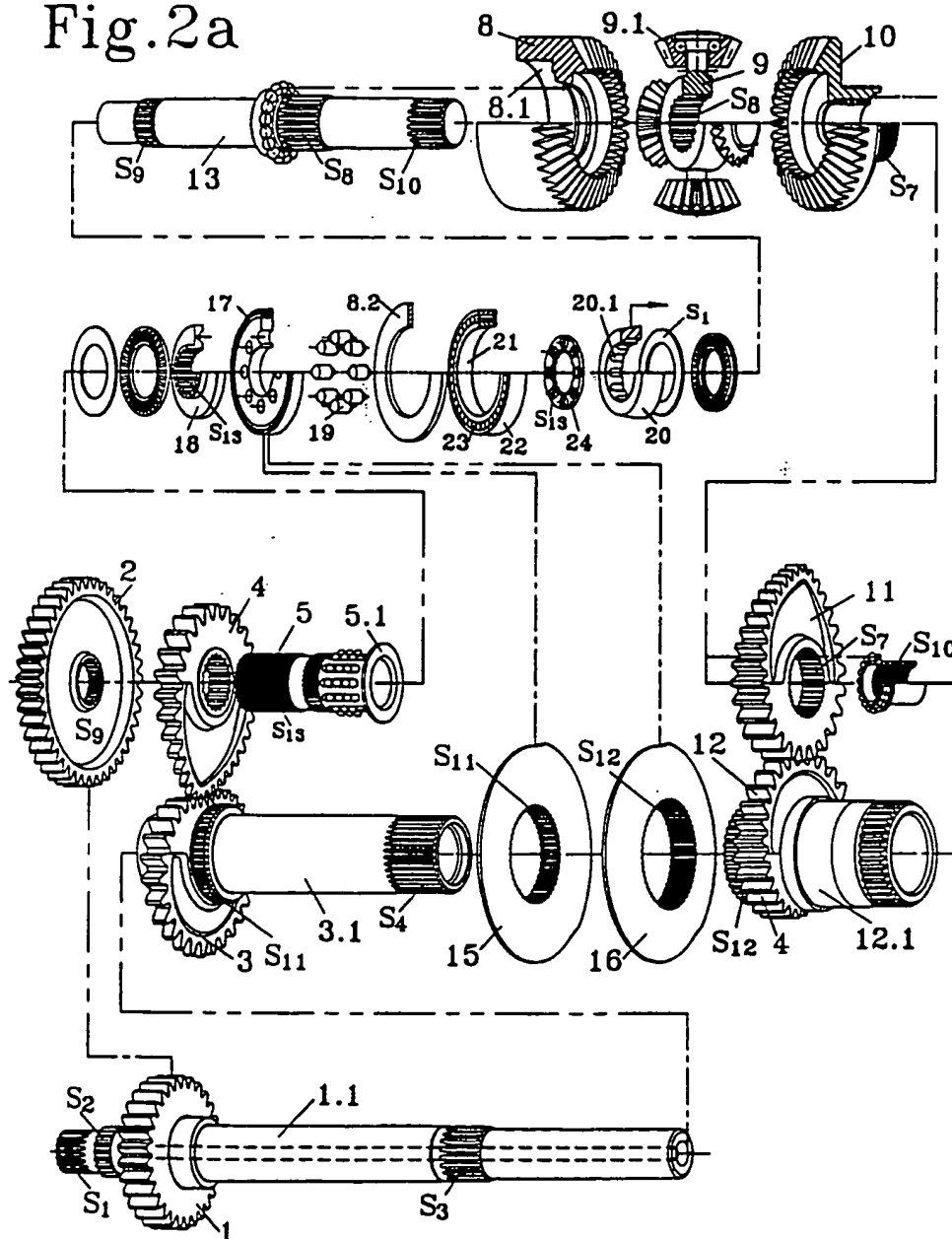
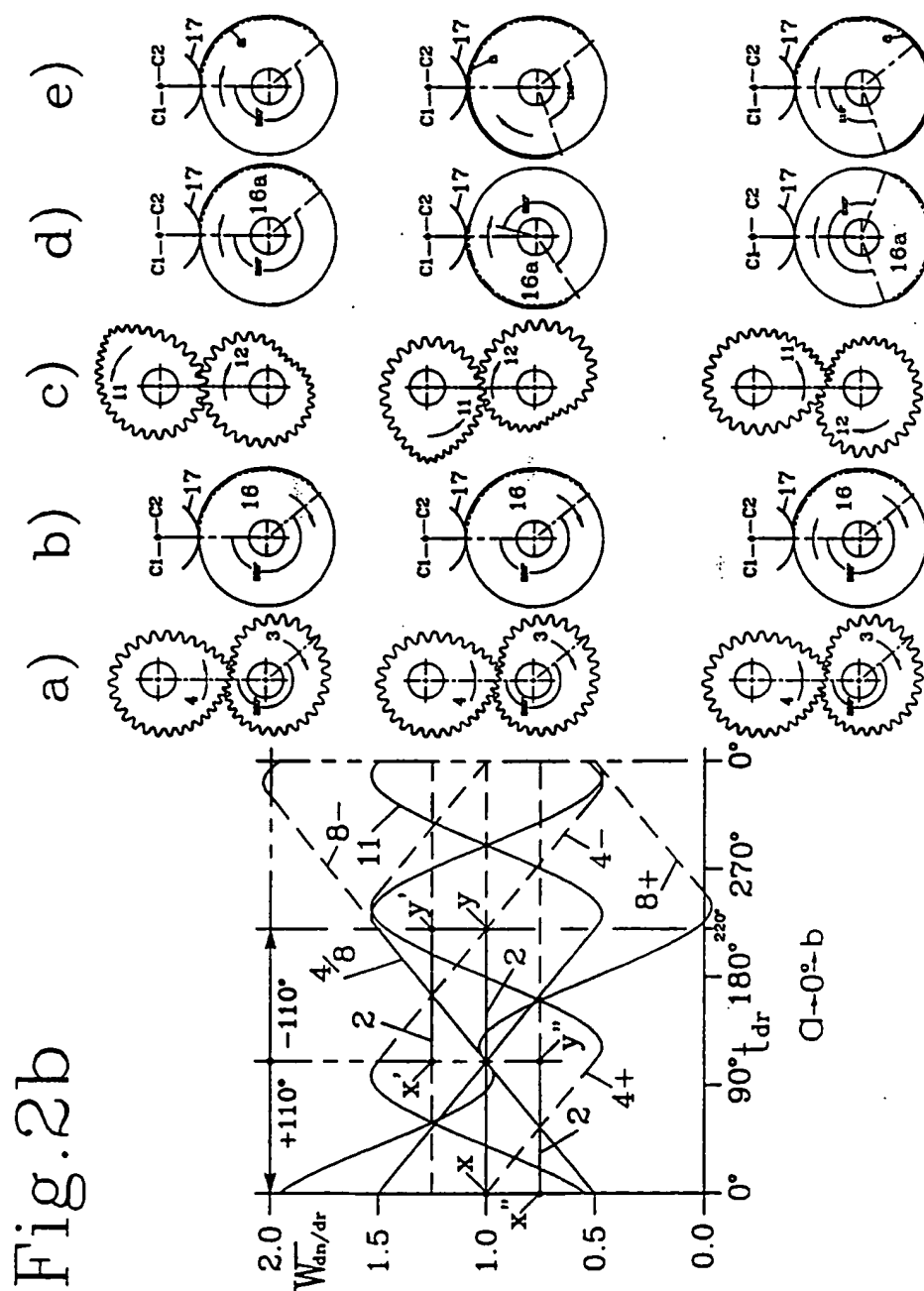


Fig.2a





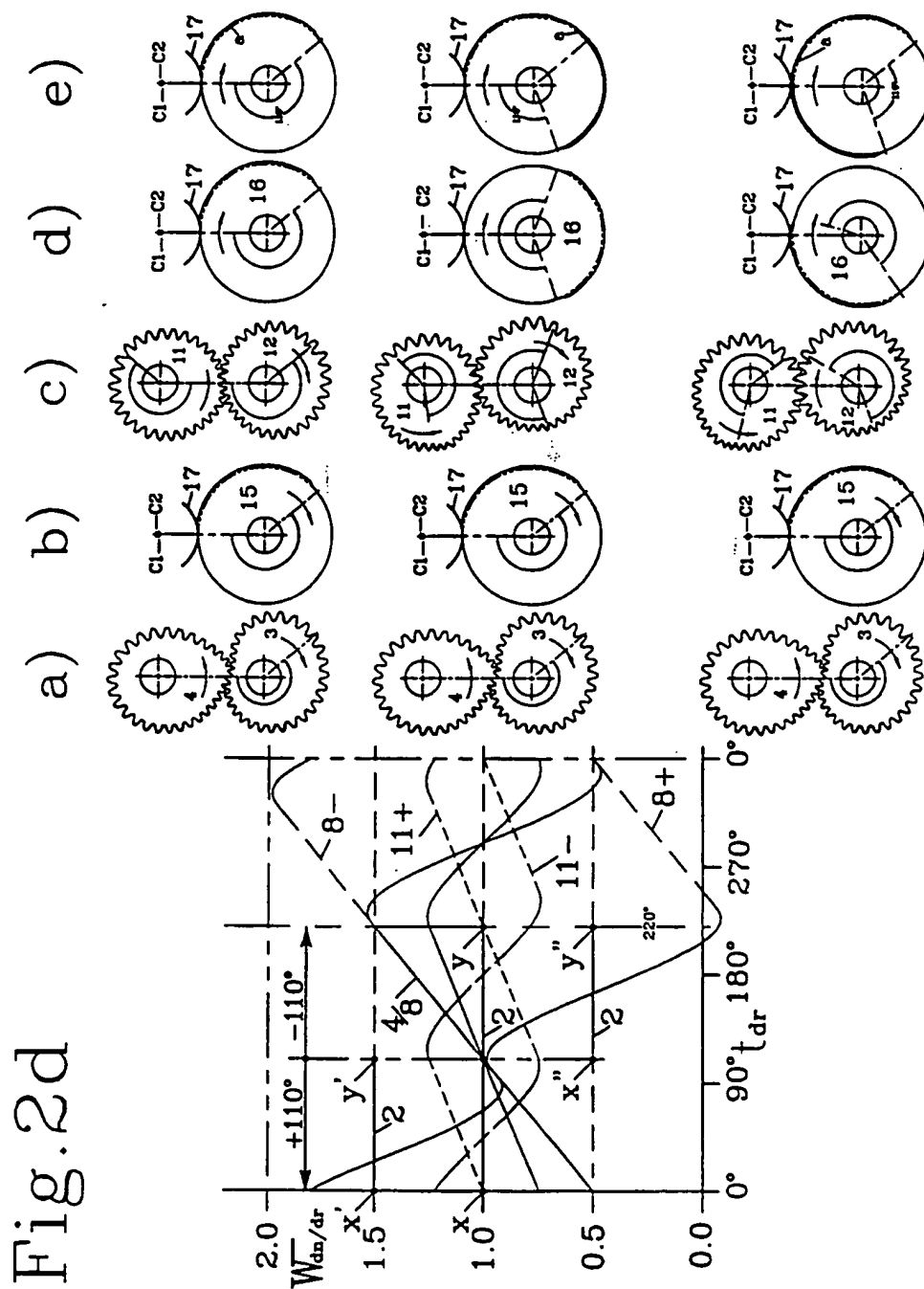
Technical drawing of a mechanical assembly, likely a pump or valve mechanism, shown in cross-section and end view.

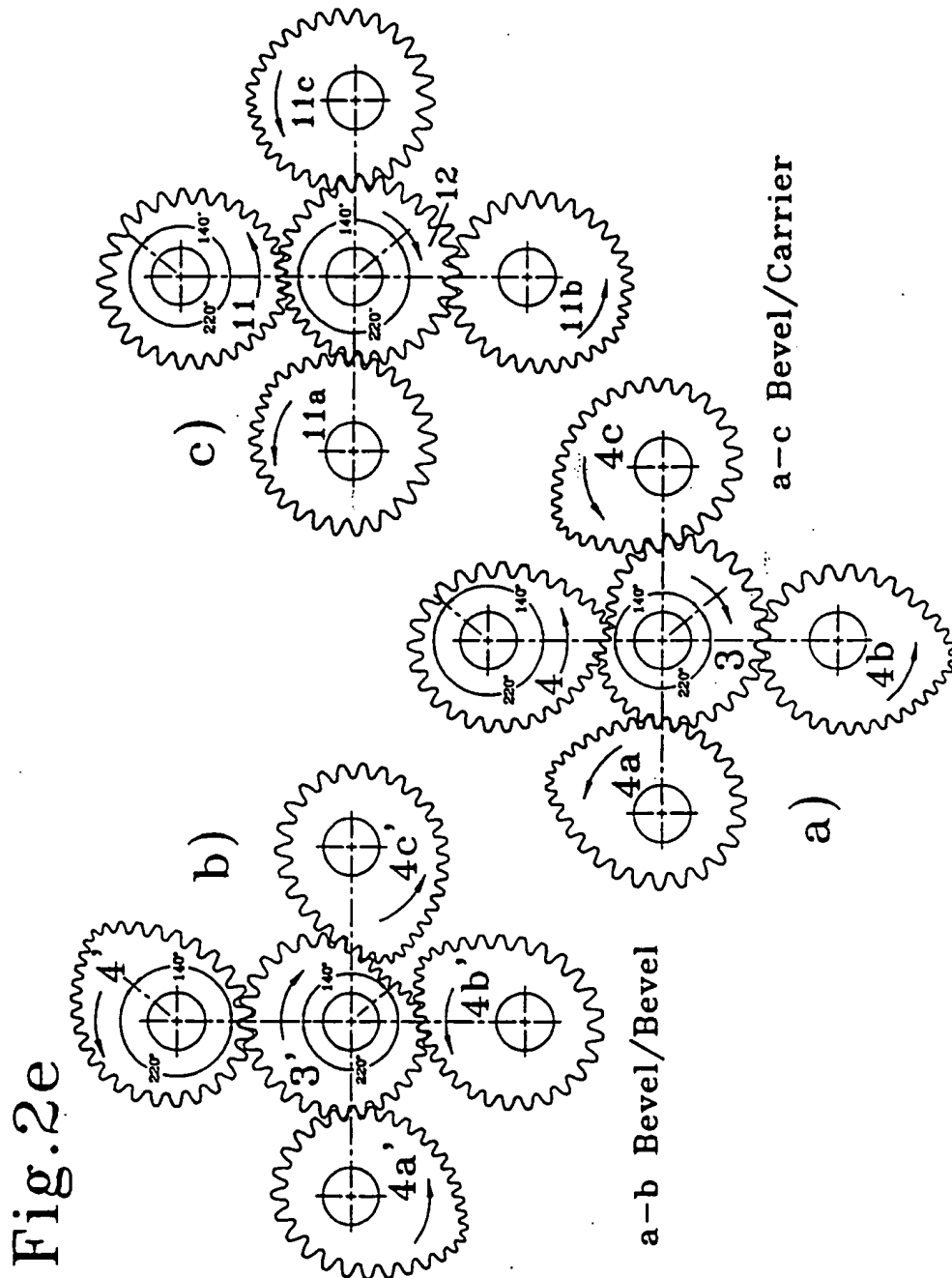
End View (Left):

- 21: Outer ring or housing.
- 6: Inner ring or component.
- 22: Seal or gasket.

Cross-section (Right):

- 1: Main shaft or central component.
- 3: Seal or gasket.
- 3.1: Seal or gasket.
- 3.2: Seal or gasket.
- 12.1: Seal or gasket.
- 12.2: Seal or gasket.
- 16: Seal or gasket.
- 16a: Seal or gasket.
- 16a.1: Seal or gasket.
- 17.1: Seal or gasket.
- 5.1: Seal or gasket.
- 13: Seal or gasket.
- 200: Seal or gasket.
- bx: Dimension line.
- f: Dimension line.





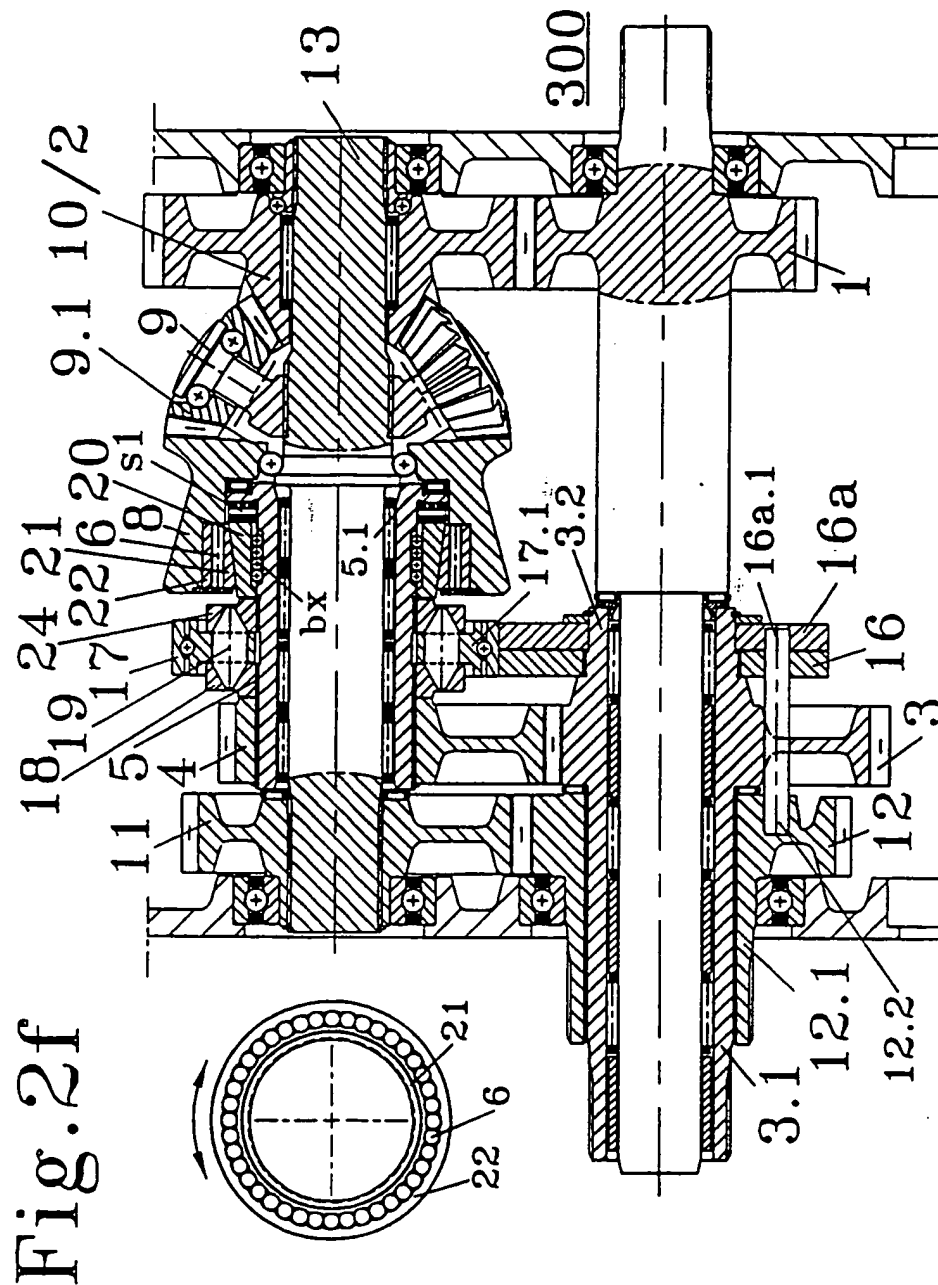
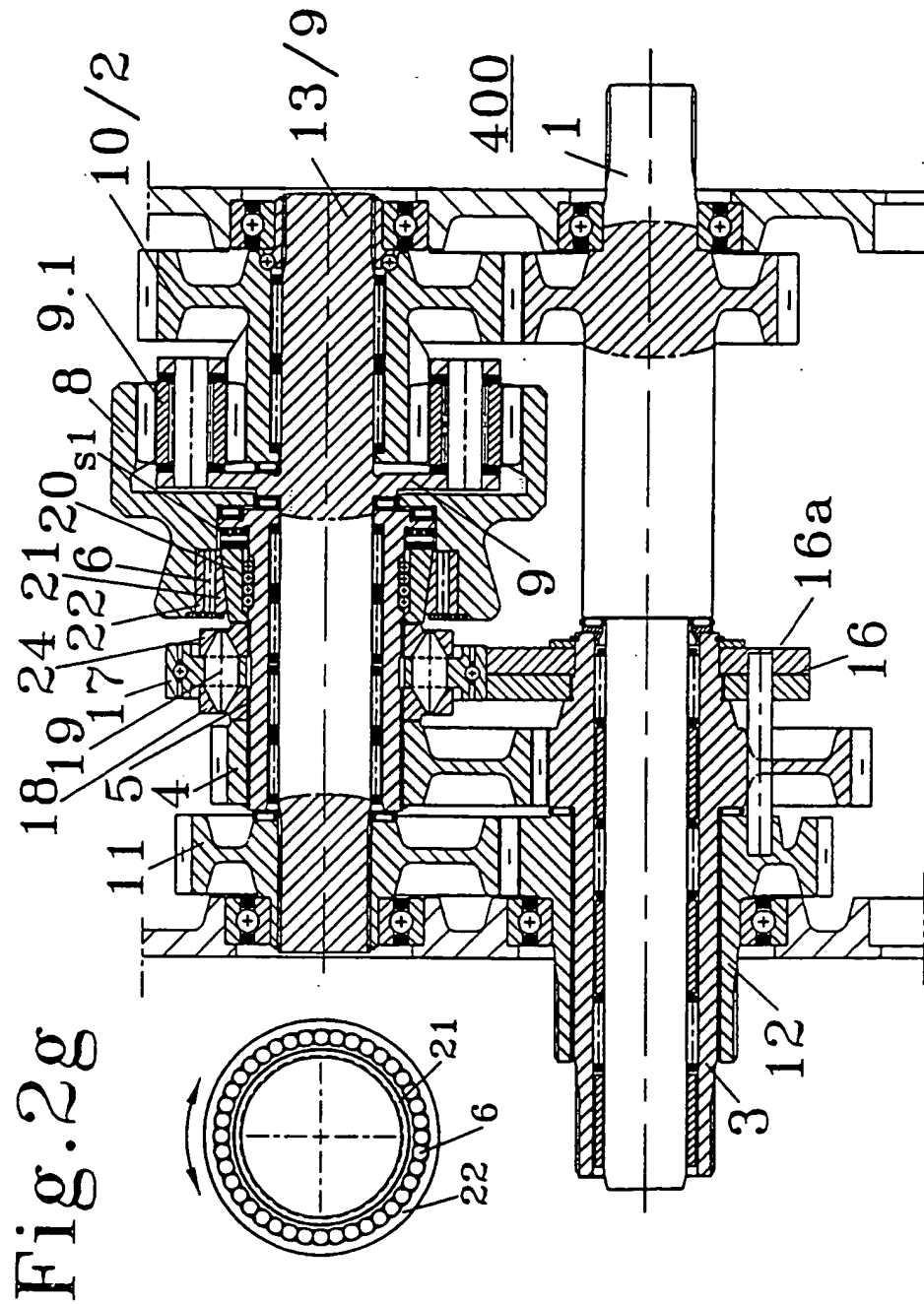


Fig. 2f



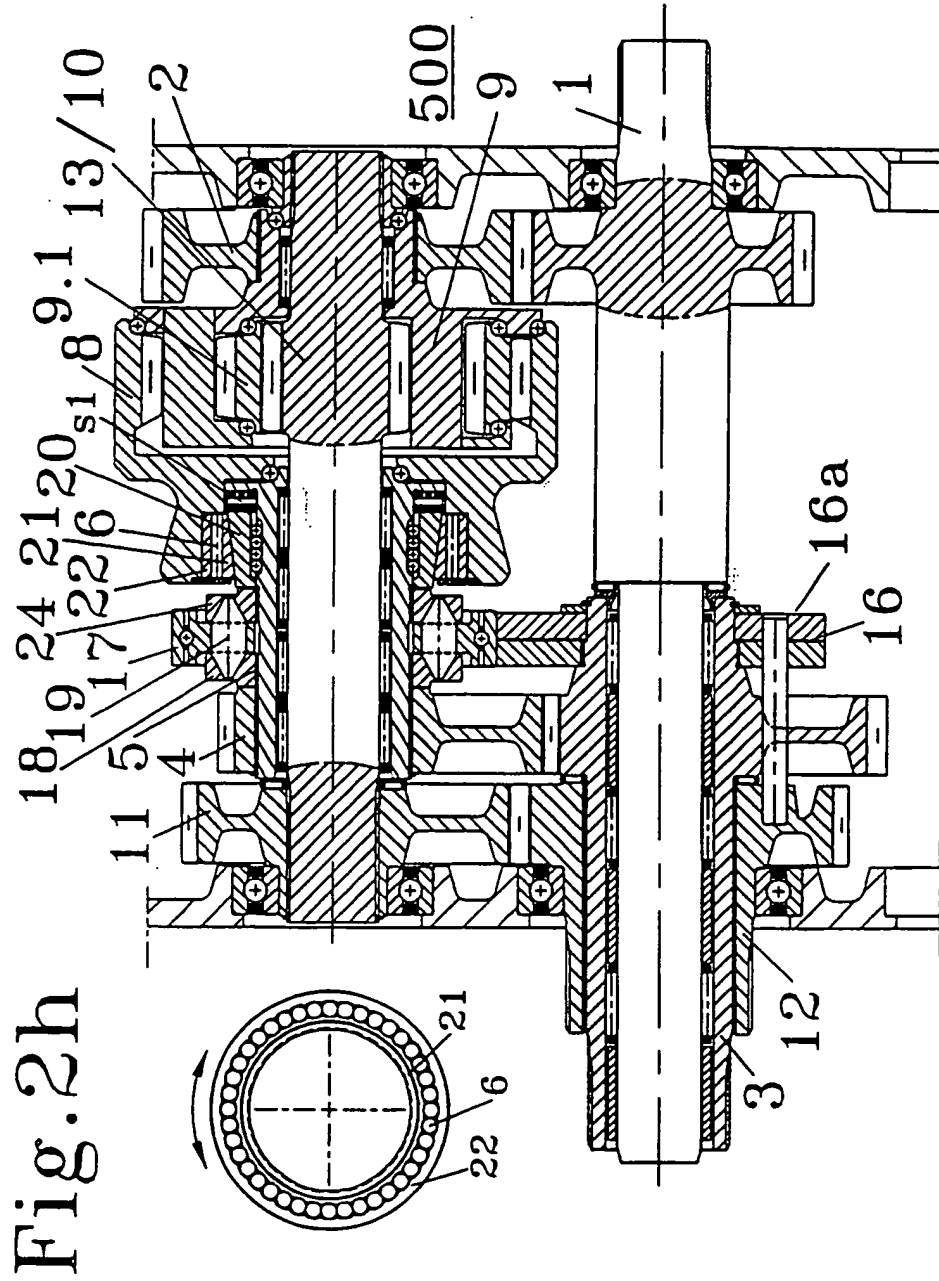


Fig.3a

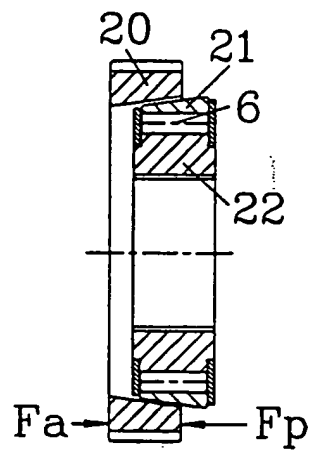


Fig.3b

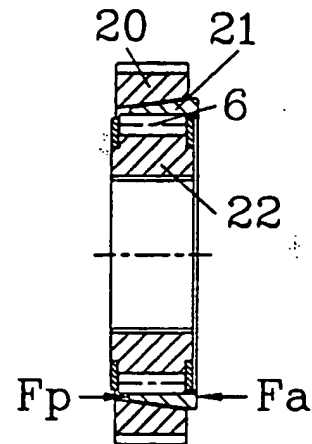


Fig.3c

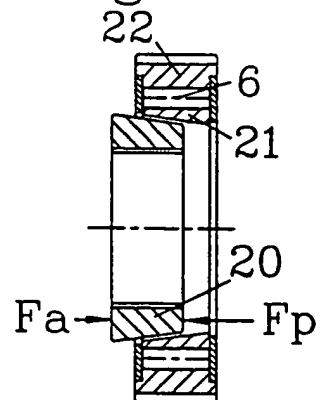


Fig.3d

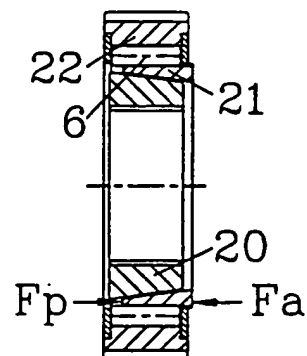


Fig.4a

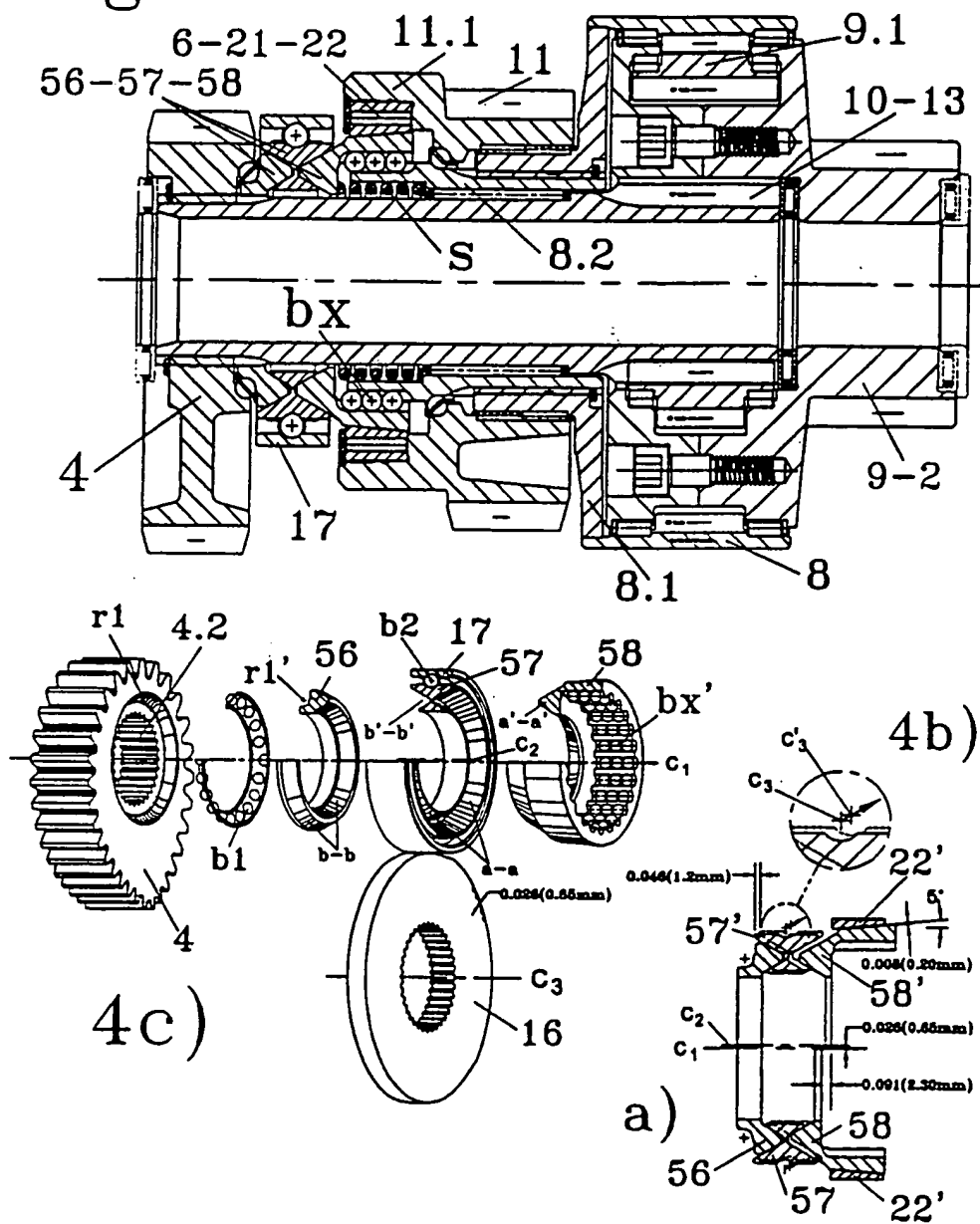


Fig.5

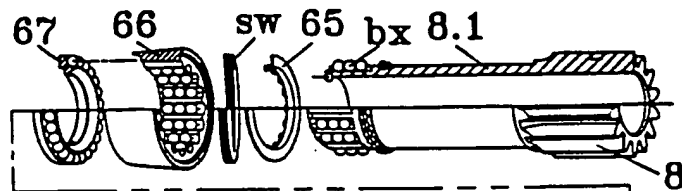
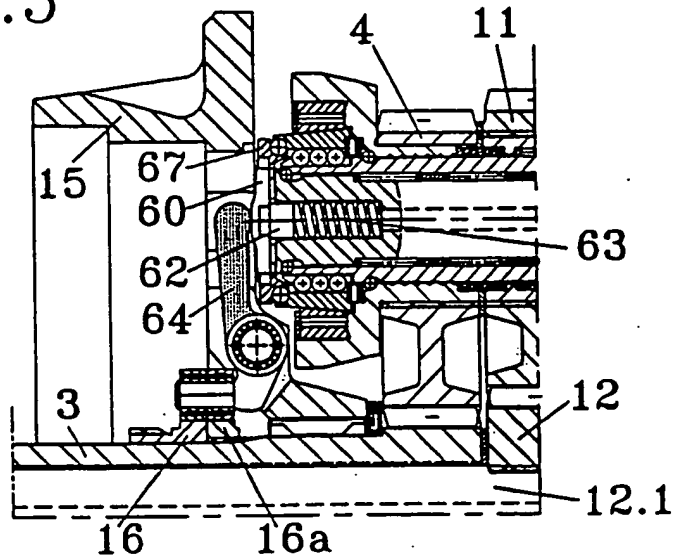


Fig.5b

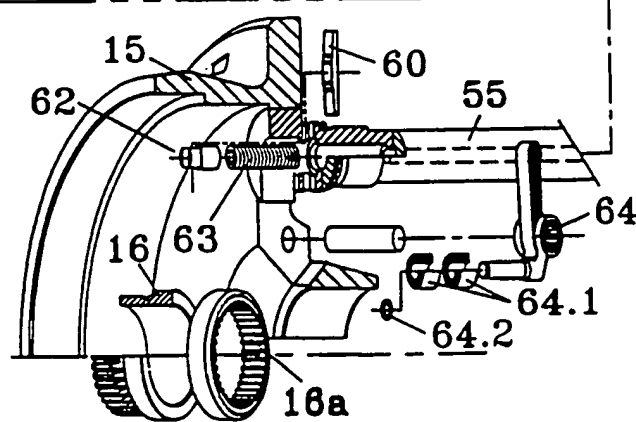


Fig.6

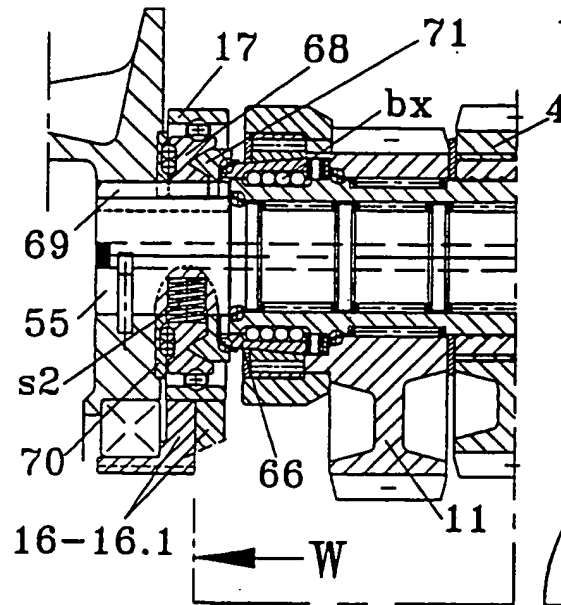


Fig.6b

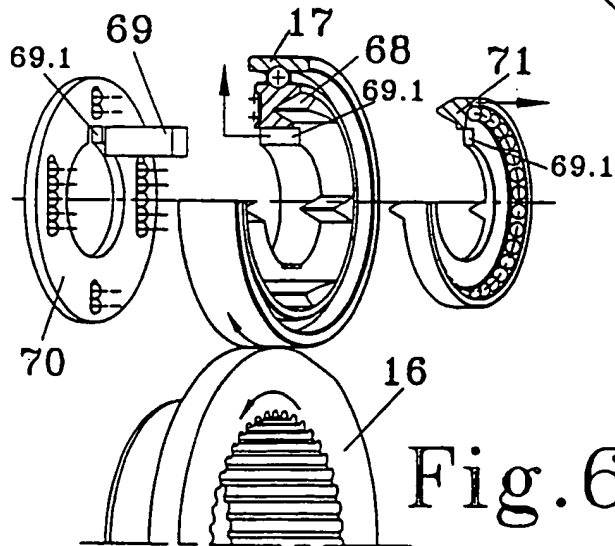
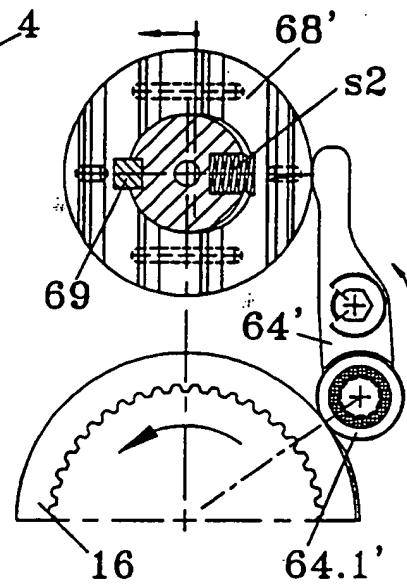


Fig.6a

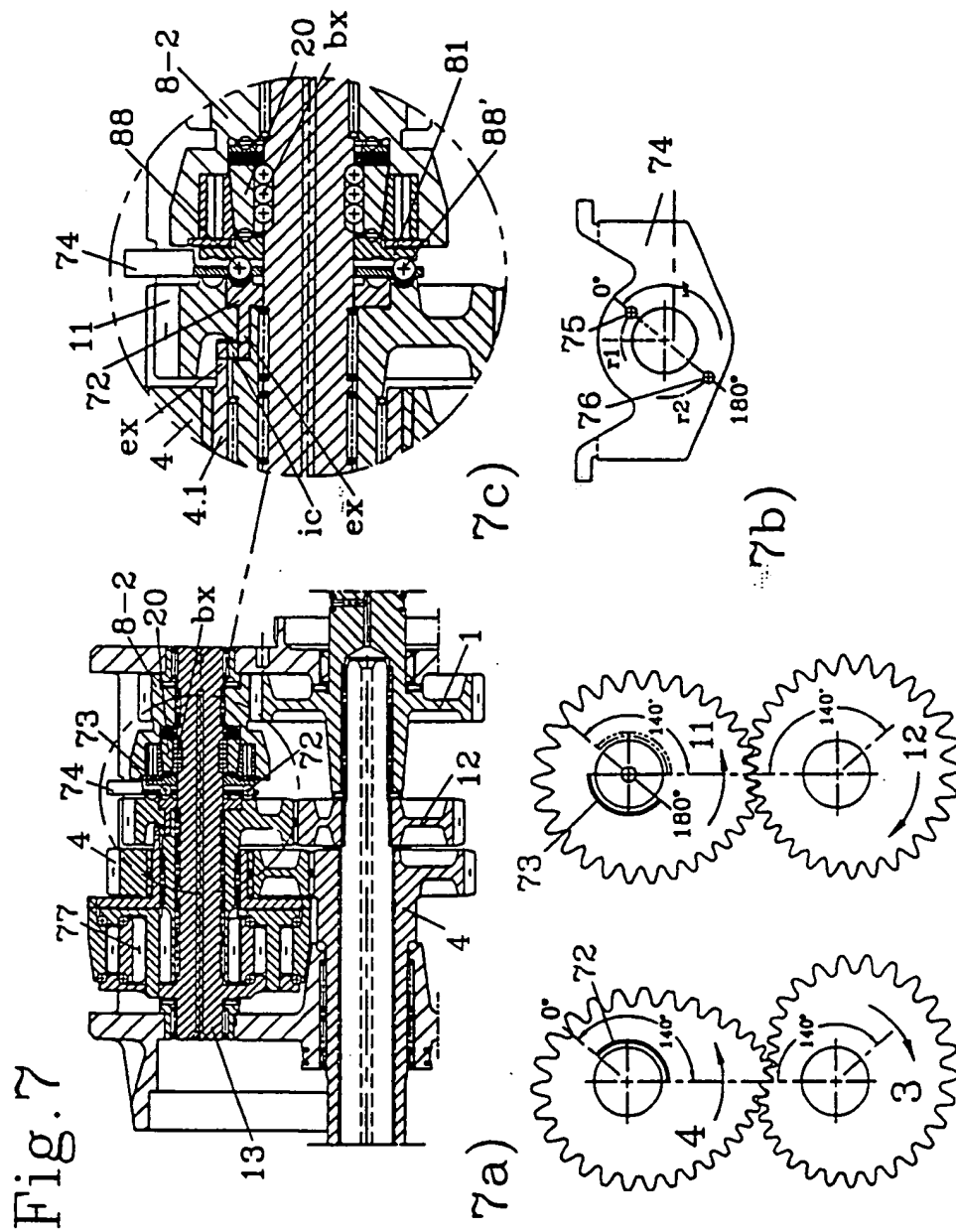


Fig.8

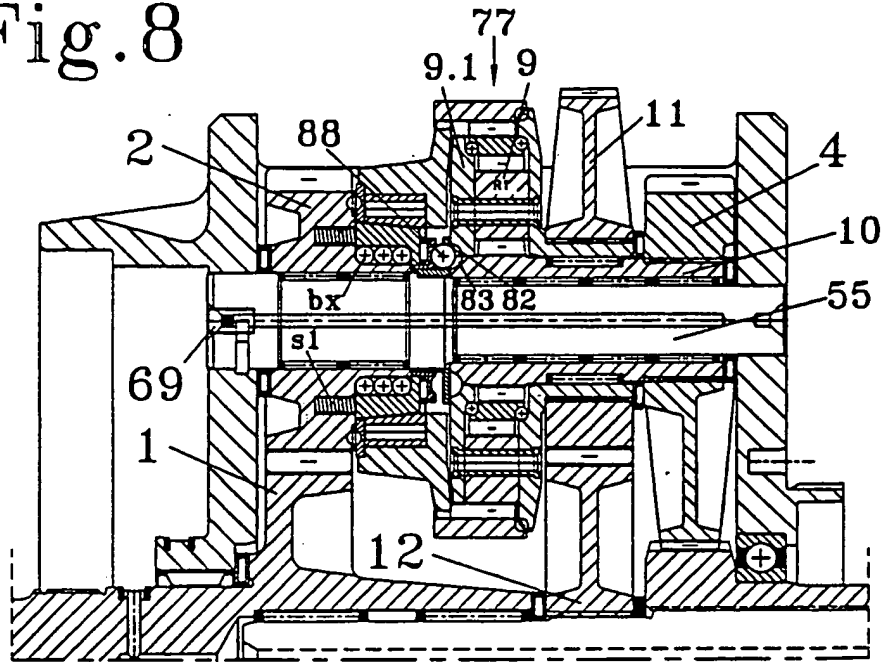


Fig.8a

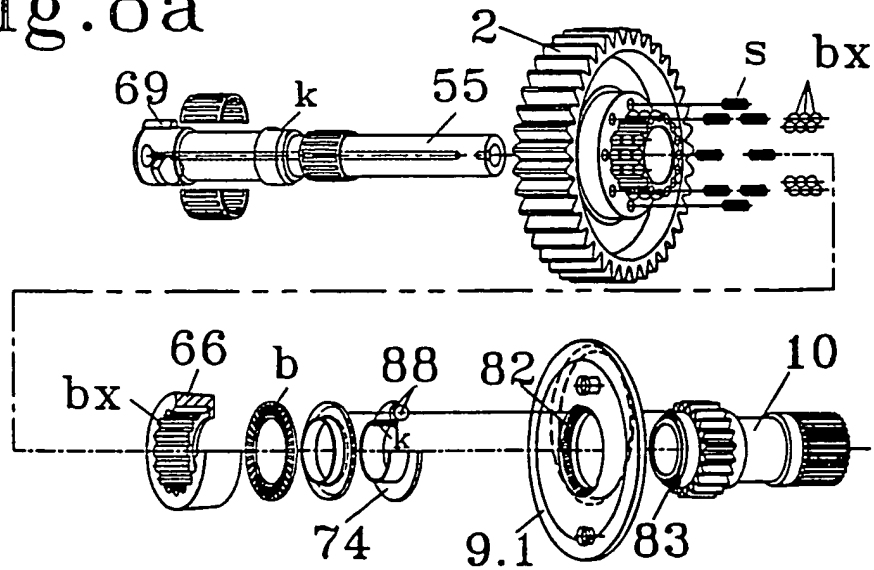


FIG. 9

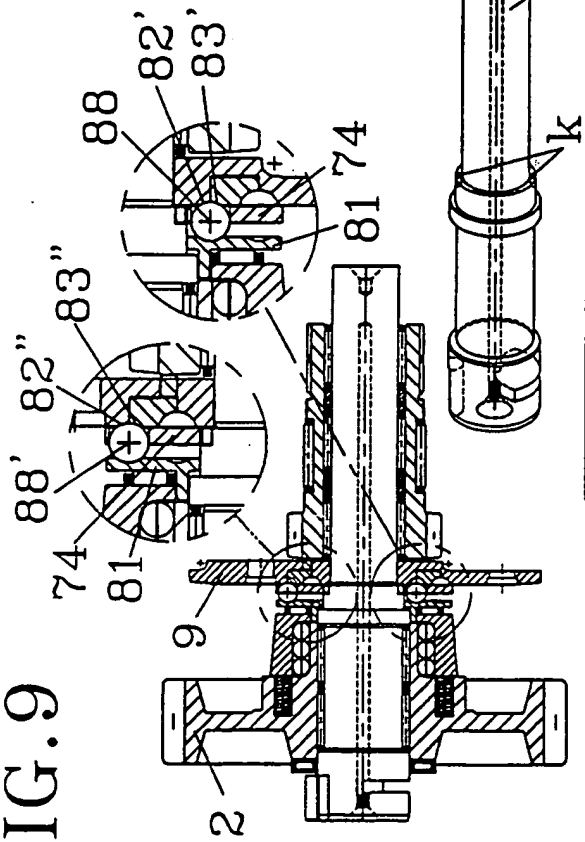


Fig. 9a

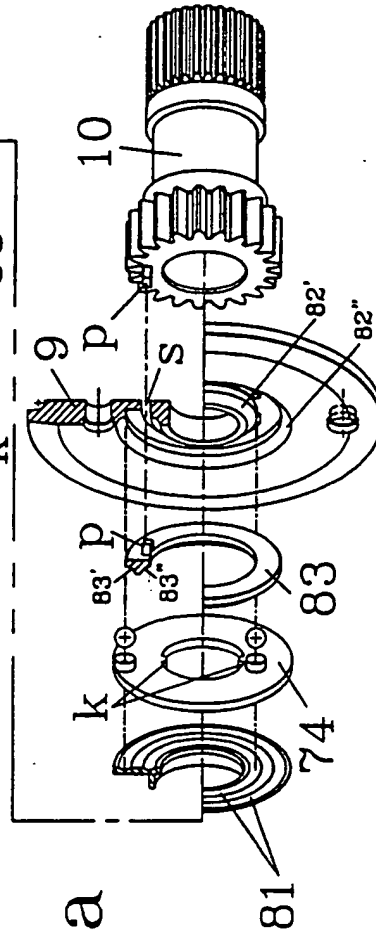


Fig.10

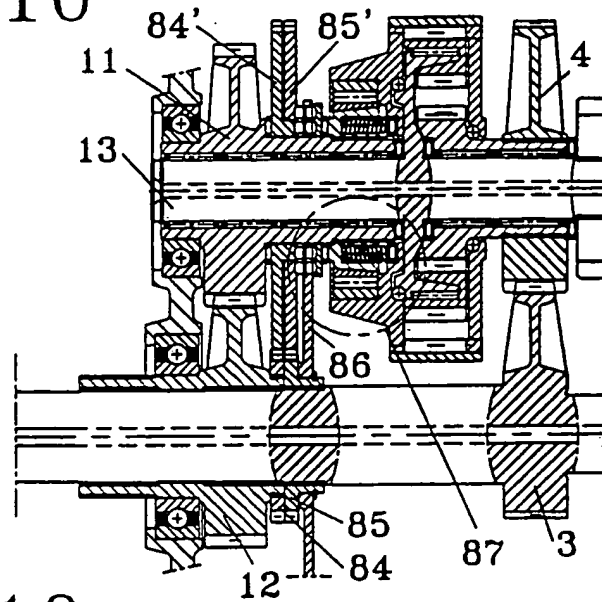


Fig.10a

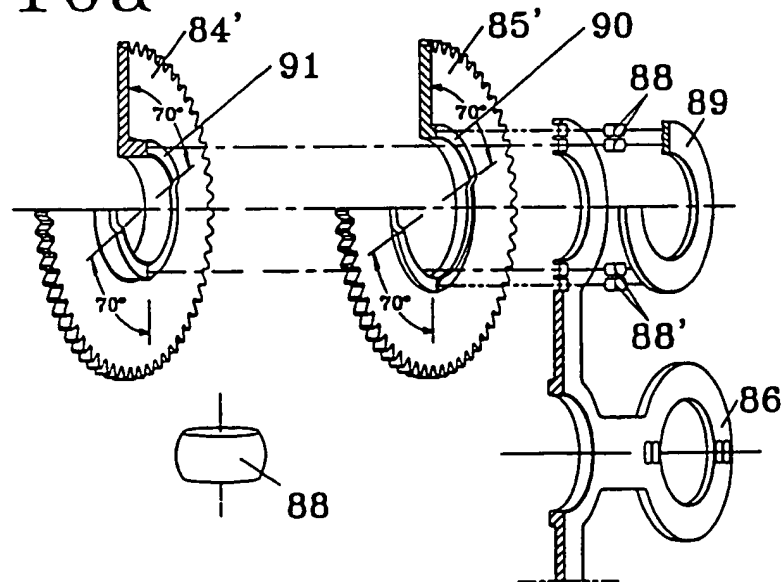
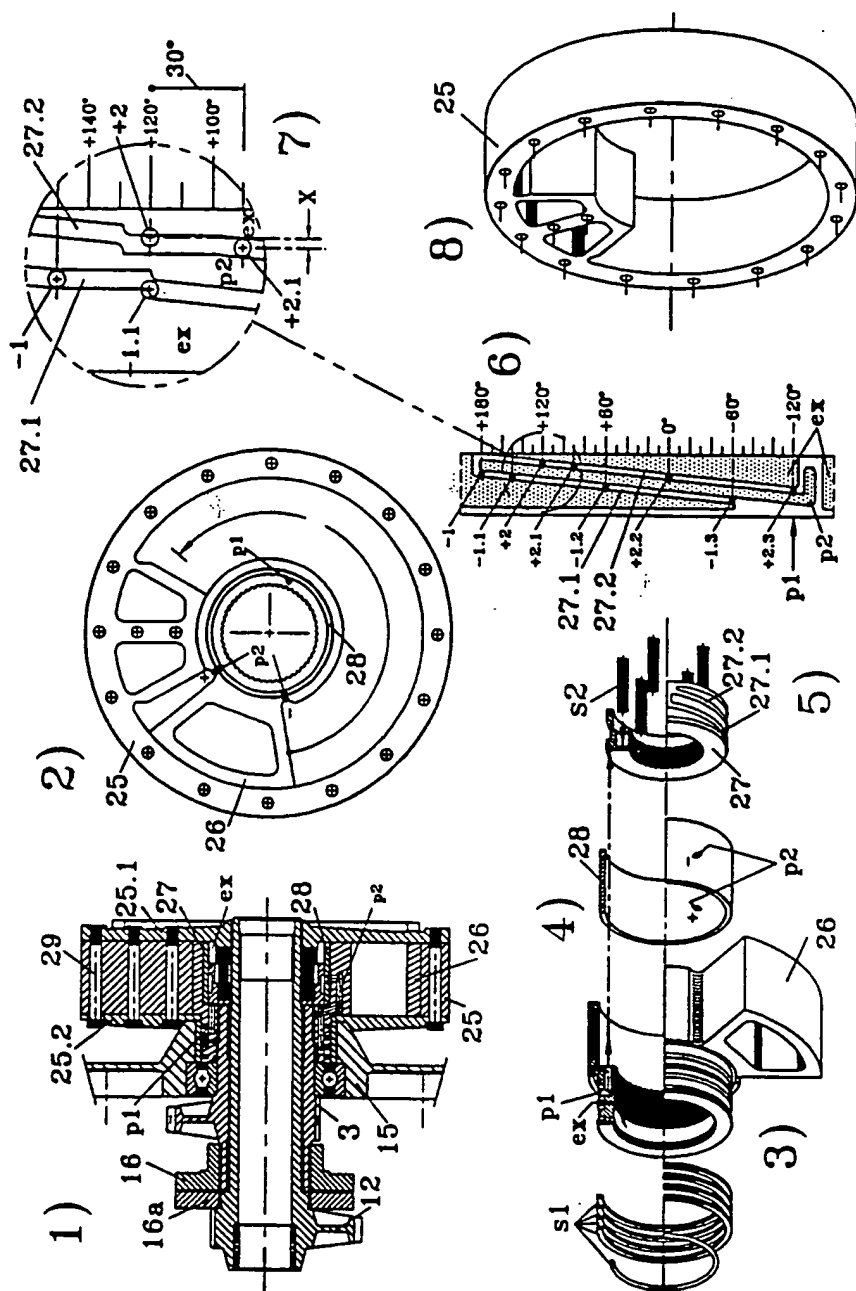


Fig. 11



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Fig. 11a

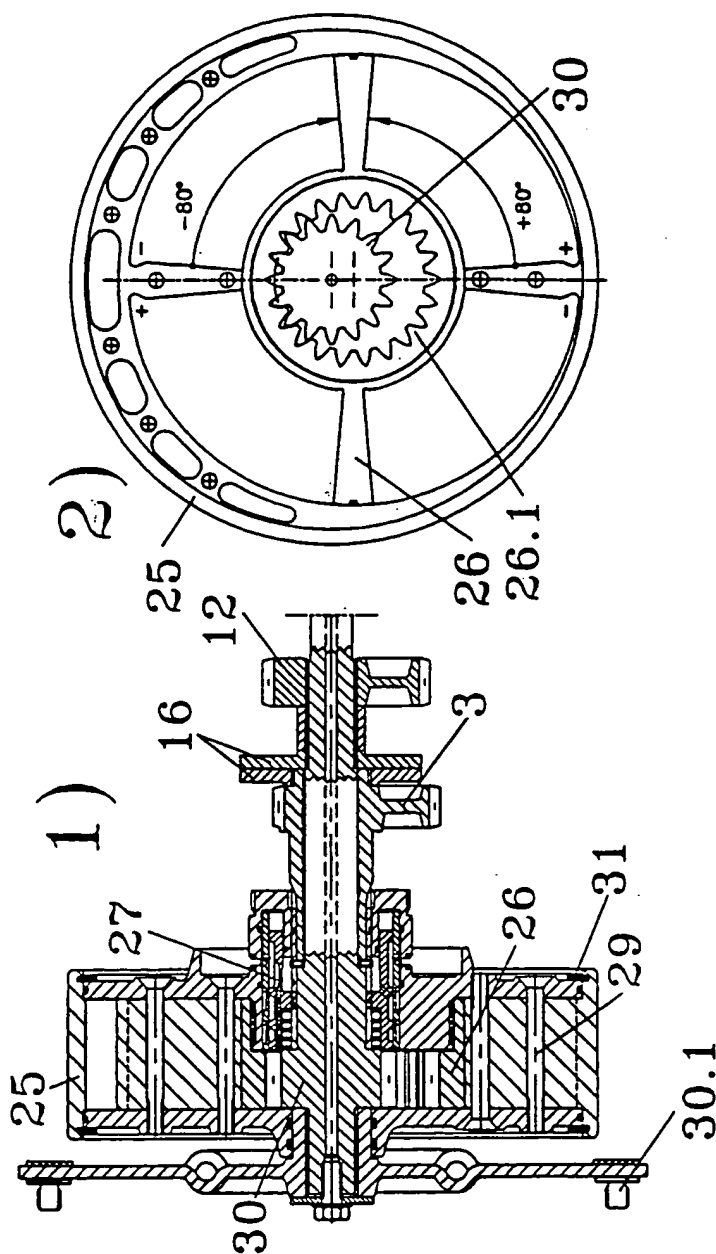


Fig. 11b

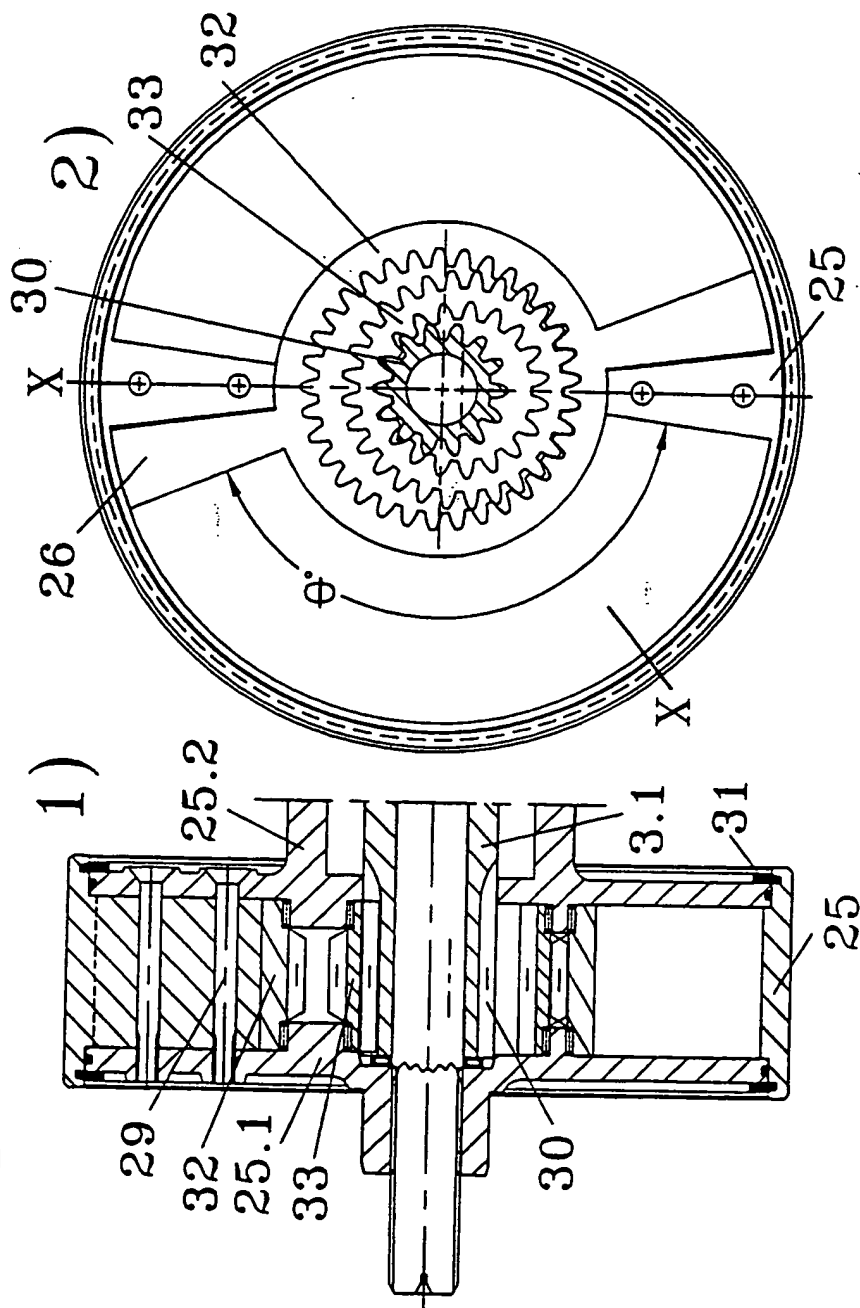
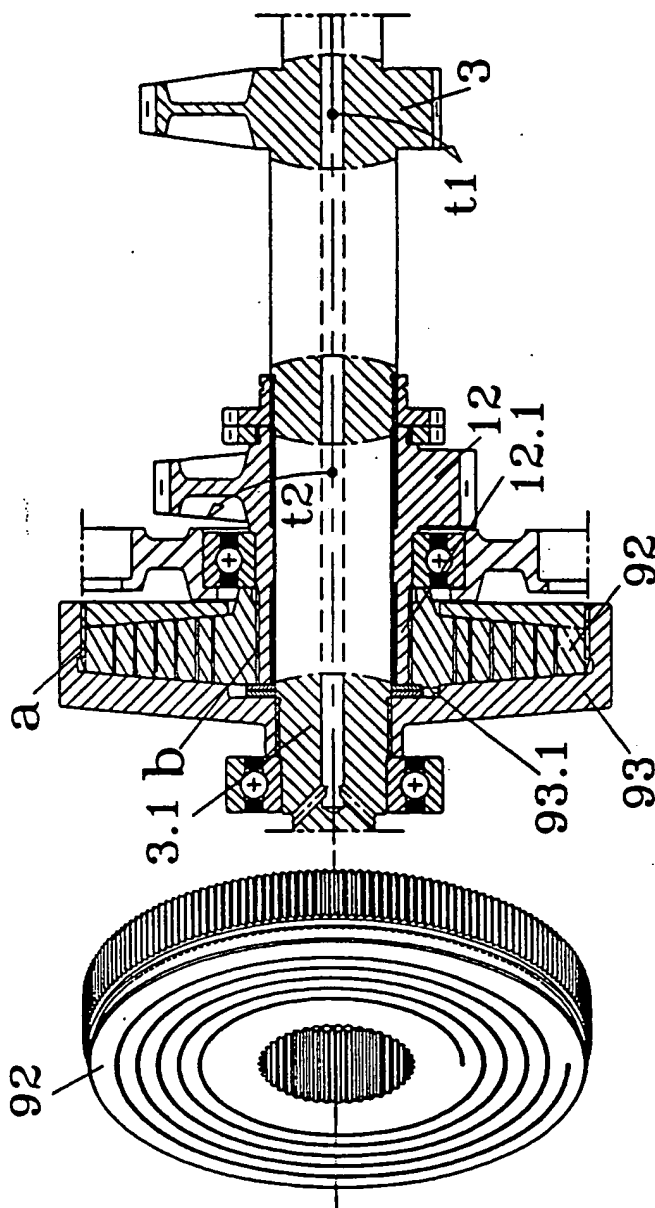


Fig. 12



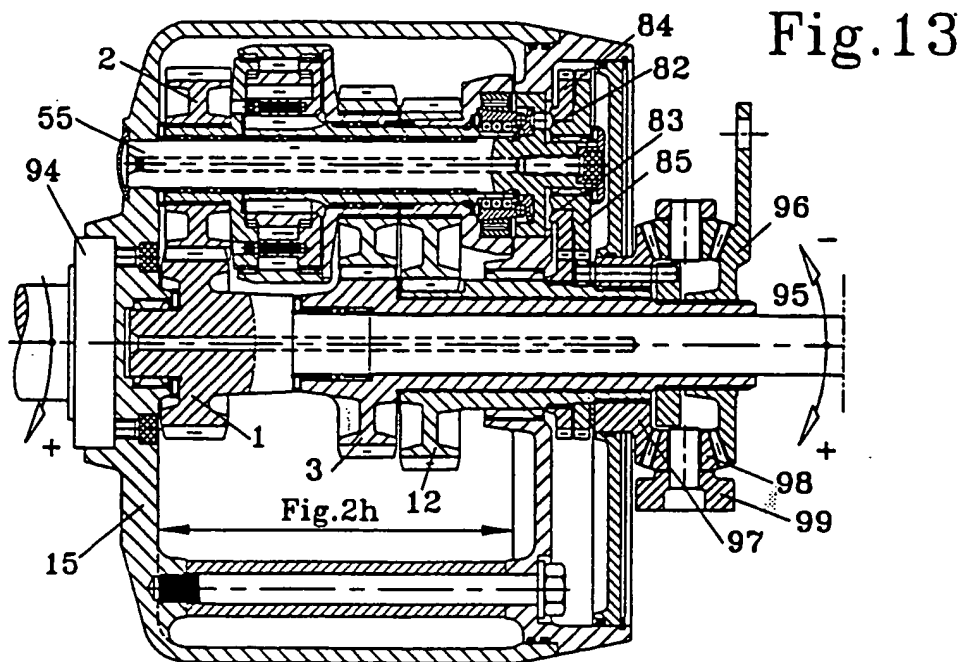


Fig.13a

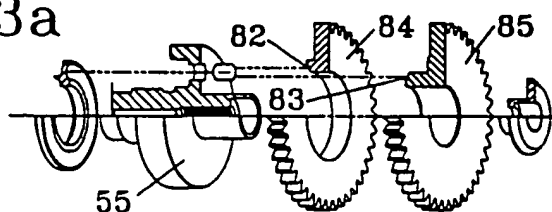
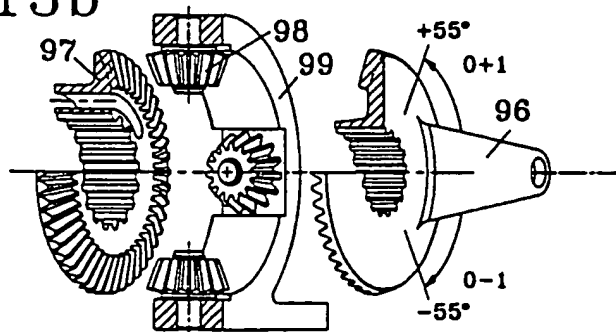


Fig.13b



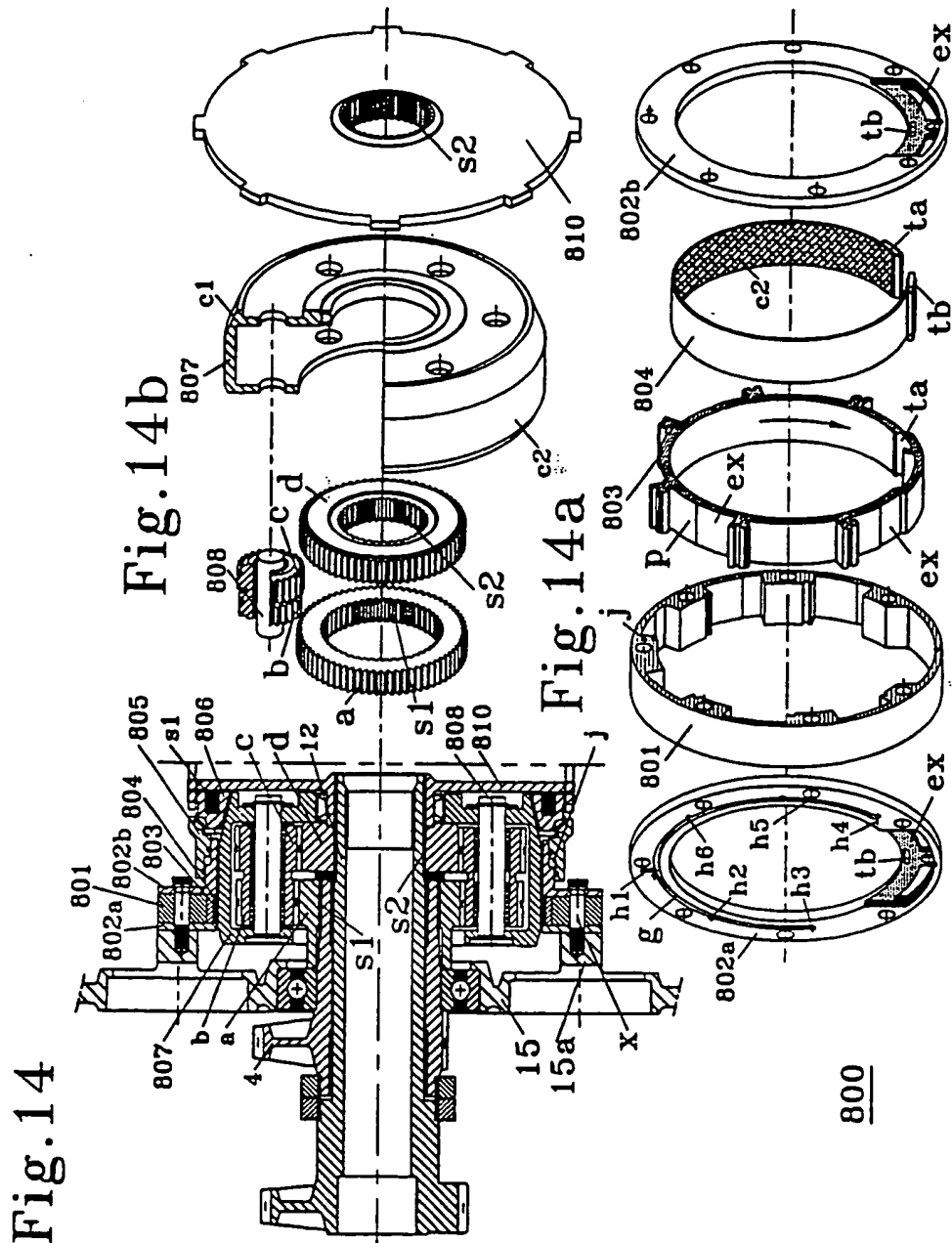
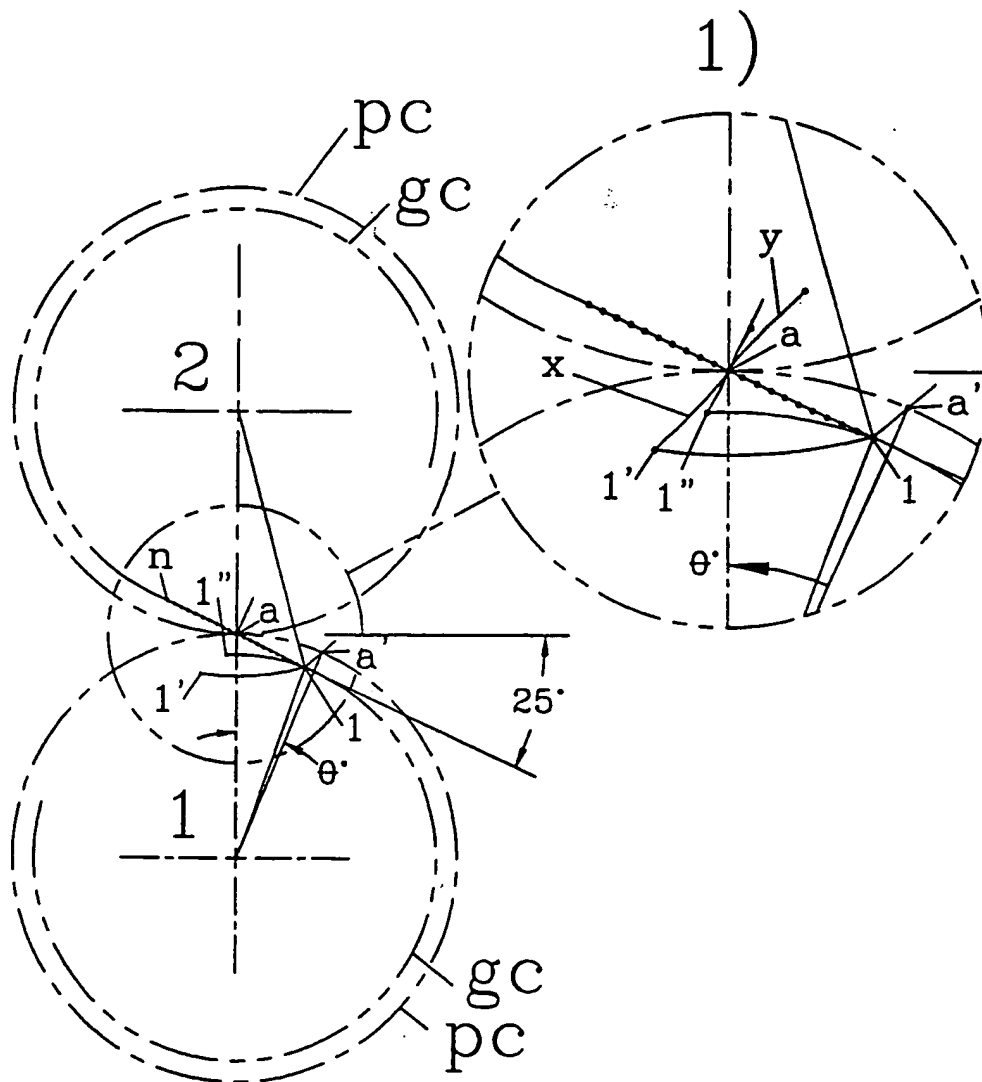


Fig.15



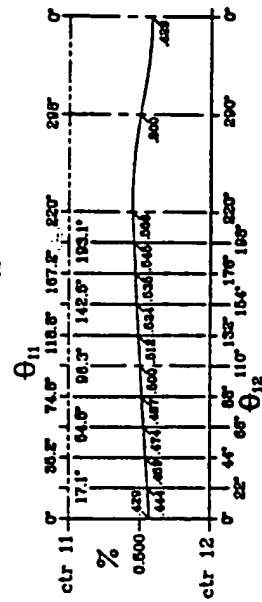
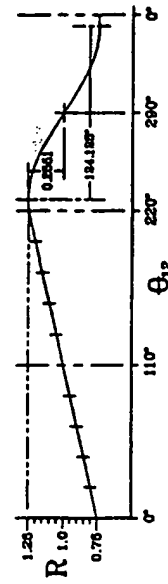
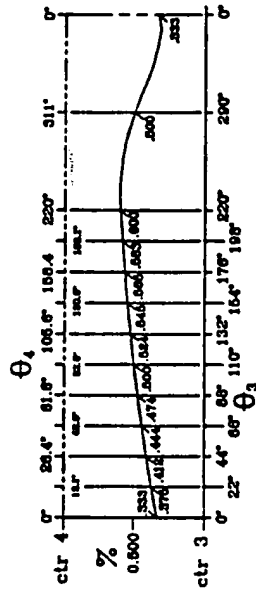
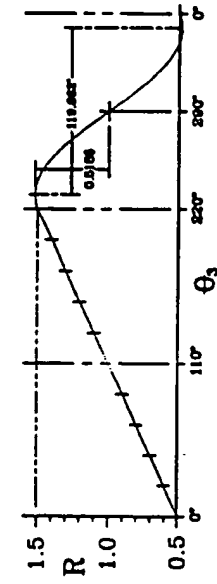
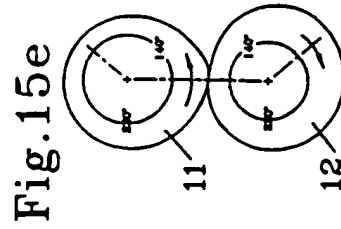
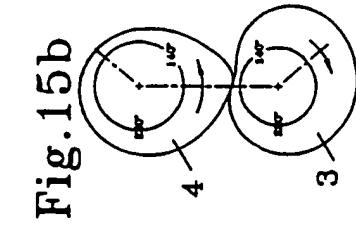


Fig.15g

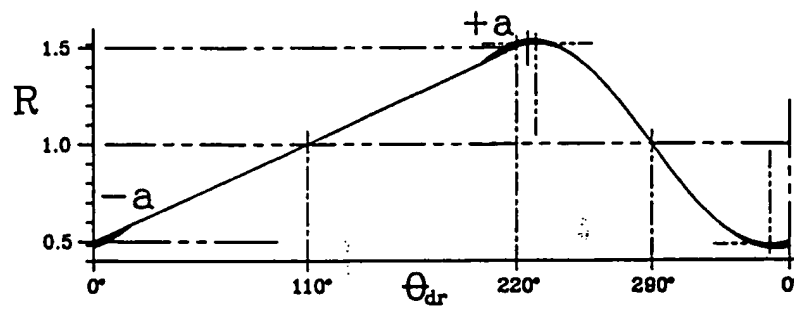
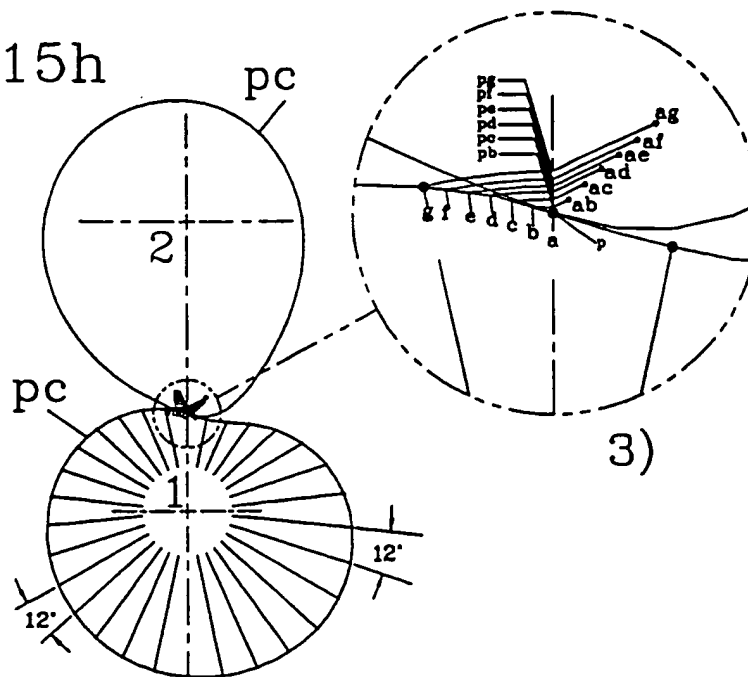
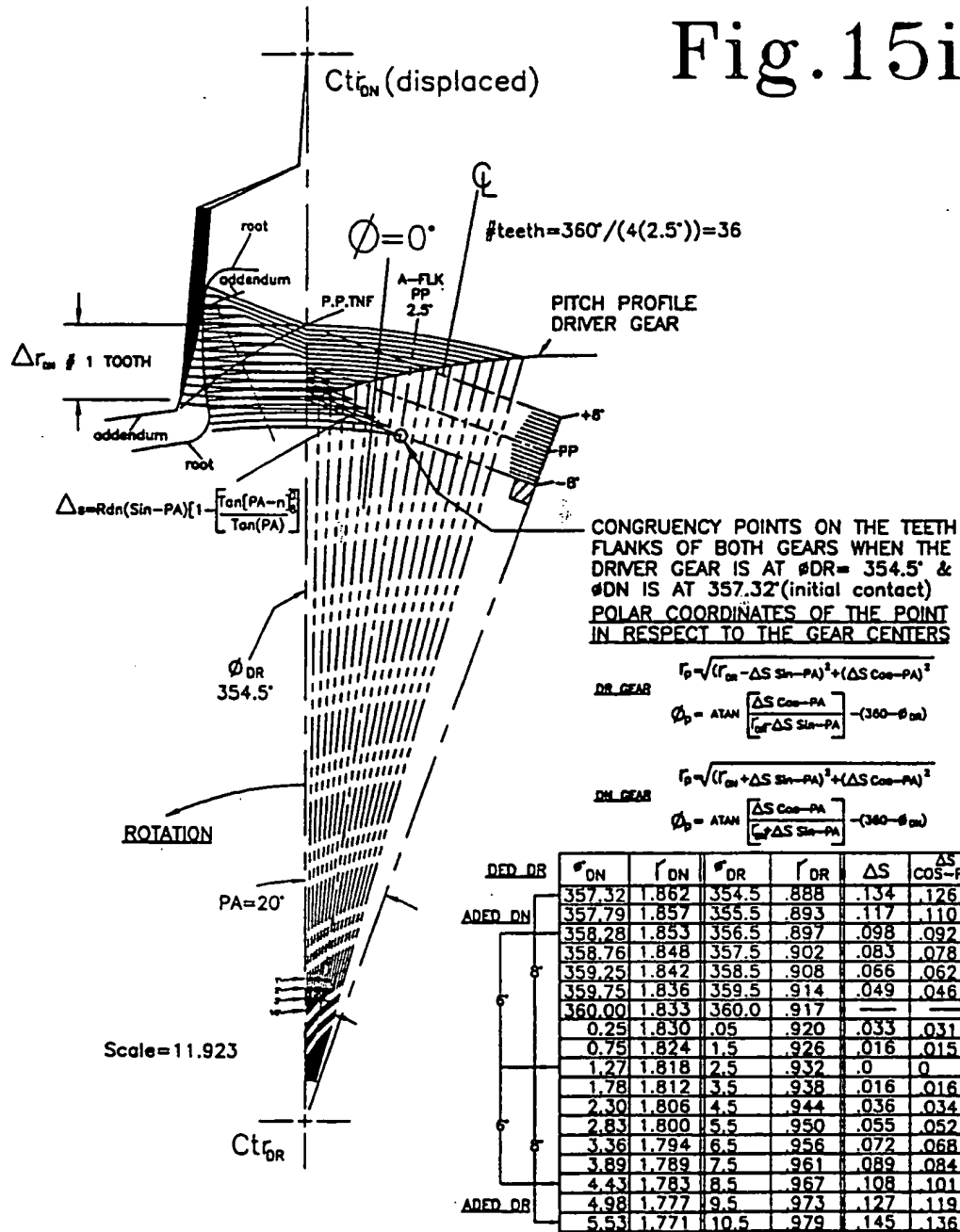


Fig.15h



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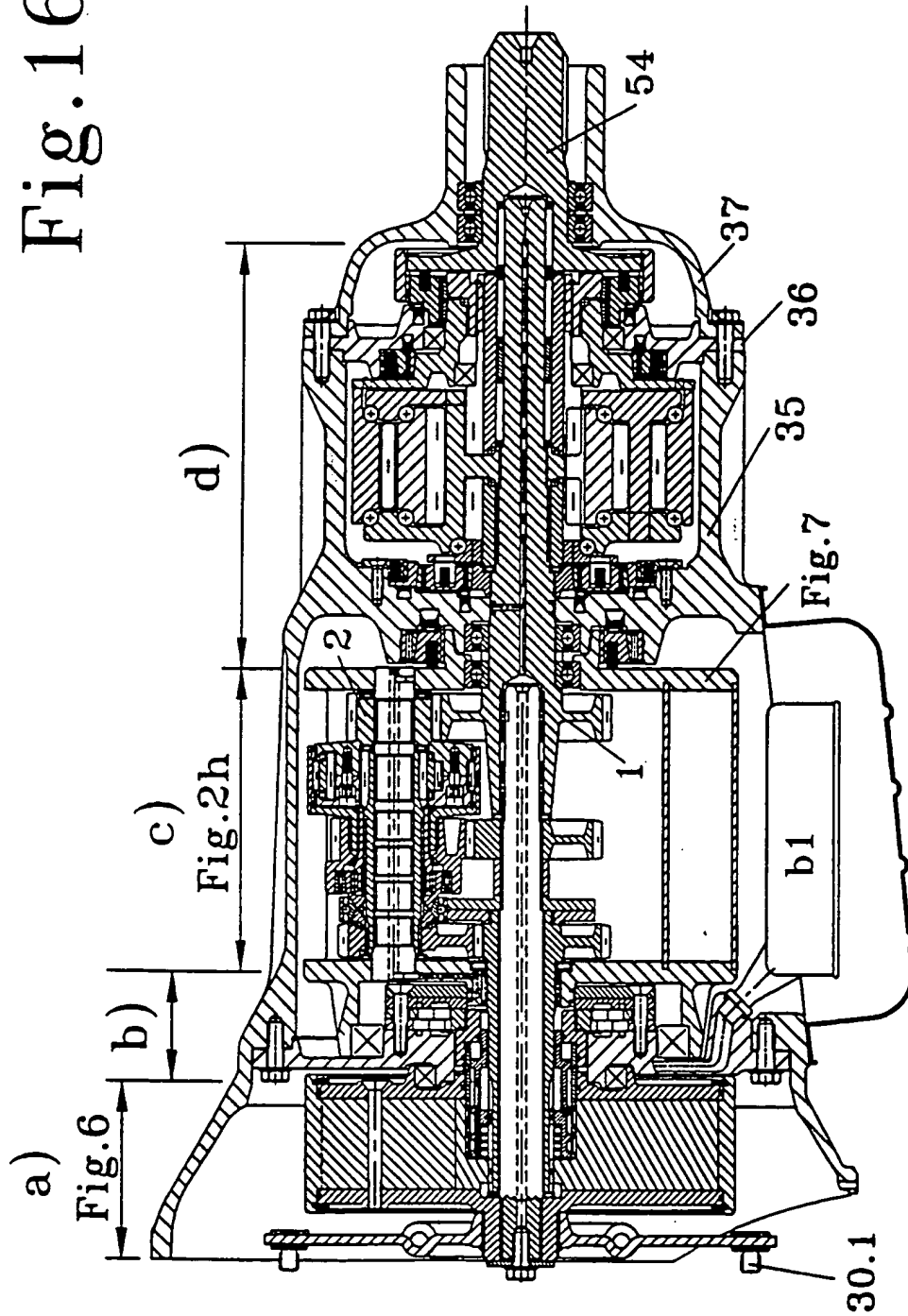
Fig.15i



NOTE

THE POLAR-COORDINATES - EQUATIONS OF THE TWO GEARS SWITCH AFTER $\phi_{DR} = 2.5^\circ$ AFTER $\phi_{DR} = 0^\circ$ THE EXP. $(360 - \phi_{DR} \text{ or } \phi_{DN})$ BECOMES $+\phi_{DR} \text{ or } \phi_{DN}$

Fig. 16



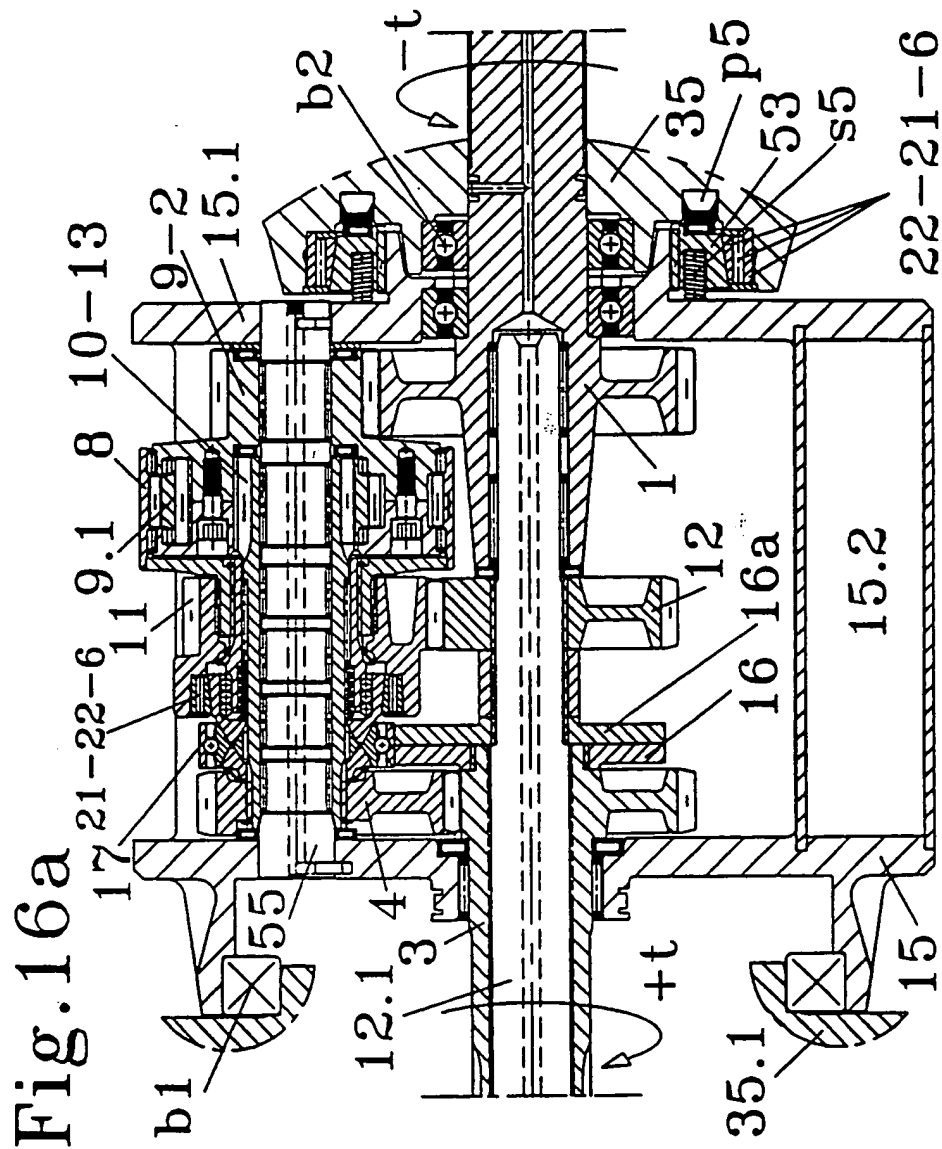


Fig. 16b

